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Lancaster Farming

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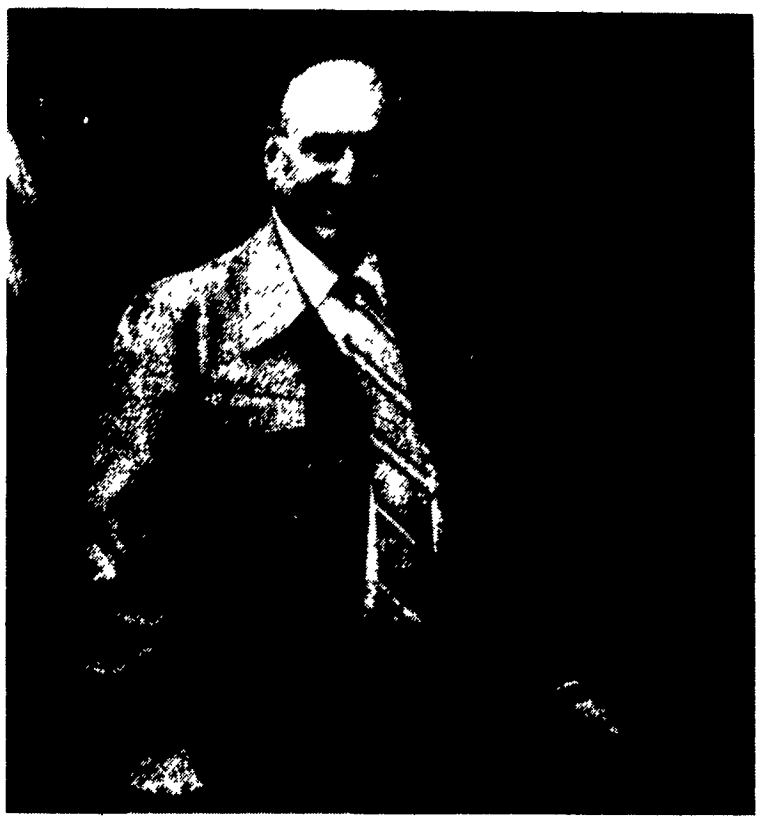

Gordon Hiller, the new Pennsylvania Grange master, brings a lifetime of experience in dealing with rural affairs to the state office.

Hiller Hopes To Revitalize Grange With People Orientation

EVERETT NEWSWANGER
Managing Editor

HARRISBURG (Dauphin Co.)—With a lifetime experience of farming and working for government agencies, including PDA and EPA, Gordon Hiller, the new Pennsylvania State Grange master, brings many personal qualifications into his quest to revitalize the 33,000 member rural organization. Hiller was elected to the highest office in the organization at the 120th annual meeting held in Williamsport in October. Hiller received his 50 year pin at the convention.

After retiring from his position as regional director of PDA in the Williamsport area several years ago, Hiller used his new-found time to again become active in the organization that had captured his attention as a teenager when he was president of his local FFA chapter. In those early years, he was a local Grange master even before he was married. He has continued an active interest in Grange activities, most recently as part of the executive committee and has helped with a national training program for Grange leadership.

When Gordon and Mrs. Hiller started to farm, the need for contour strips and other conservation practices created the seeds of interest in conservation as a way of life. For these conservation practices and his efforts to start a conservation district in Lycoming County, Hiller won the Goodyear Conservation Award.

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Holiday Deadlines

The *Lancaster Farming* office will be closed Friday, January 1, in observance of New Year's day. Early deadlines for the last week of December are as follows:

Public Sale Ads—Noon, Thur., 12/24.

Mailbox Markets—Noon, Thur., 12/24.

General News—Noon, Tue. 12/29.

Classified Section C Ads—5 p.m., Mon. 12/28.

All Other Classified Ads—9 a.m., Tue. 12/29.

The *Lancaster Farming* office will also have early deadlines for our Pennsylvania Farm Show issue. Because of the opening of the Farm Show late in the first full week in January, deadlines will be as follows:

Public Sale Ads — Noon, Mon., 1/4.

Mailbox Markets — Noon, Mon., 1/4.

General News — Noon, Wed., 1/6.

Clasified Section C Ads — 5 p.m., Tue., 1/5.

All Other Classified Ads — 9 a.m., Wed. 1/6.

Kreager Farm Is Diamond In Coal Country

VERNON ACHENBACH JR.
Lancaster Farming Staff

FRIEDENSBURG (Schuylkill Co.) — Dairy and cash crop farmer Ken Kreager, 64, stood staring at a 15-foot American chestnut tree.

He discovered it on the edge of a tree line on neighboring rented property while driving to and from a field.

The tree, really a sprout, was starting to show signs of disease. It was apparently drawing strength from old root stock which has managed to retain an energy balance, he surmised.

A living symbol of a time past, the root energy of the original tree (by now very old) allows it to continue pushing out into an inhospitable world, where it gains just enough energy from the sun to store in the roots for perhaps another sprout which may grow about 15 feet.

Then that sprout dies.

The original tree root continues to survive without reproducing itself.

It may continue to exist for perhaps another hundred years if the environment which surrounds it remains undisturbed.

The analogy to single family farming is almost inevitable.

The American chestnut tree as a species is existent, but only in a vestigial form.

Early European Americans and European business interests with abilities in world trade took many of the tall, straight, strong trees for structural beams and boards for all kinds of building construction, from houses and barns to covered bridges.

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Ken and Beatrice Kreager flank daughter Arlene in front of their Schuylkill County Diamond Farm. The pines in the back were planted by Ken's grandmother. The house incorporates the original log home.

Re-elected and newly elected directors of Atlantic Dairy Cooperative are, from left, H. Wallace Cook Jr., Charles E. Schilling, Robert B. McSparran, L. Elmer Vickers, David N. Ross, Rhelda E. Royer, and Thomas W. Powel.

Atlantic Dairy Elects Officers, Directors

SOUTHAMPTON (Bucks Co.) — Atlantic Dairy Cooperative's board of directors elected officers for the 1992-1993 fiscal year and announced the results of director elections at the cooperative's annual meeting.

Robert B. McSparran of Peach Bottom was elected to his 13th term as president of the cooperative. The Lancaster County dairy farmer has served on the board for 26 years.

McSparran and his wife, Charlotte, own and operate a 300-acre farm and milk a mixed herd of 60 Guernsey and Holstein cows. They are in partnership with their son, John W. McSparran.

Re-elected as first vice president was Ivo V. Otto Jr. of Carlisle. Otto has been a member of Atlantic for 42 years, serving on the board of directors for 25 years. He and his family operate a 388-acre farm in Cumberland County and milk 135 Holstein cows.

Elected to his sixth term as second vice president was Roy W. Hetrick of Bernville. Hetrick has

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Lancaster Co. Livestock Market Auctions

Lancaster Livestock Auction

Lancaster, Pa.
Monday, December 21, 1992

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	751	97	140	946	467
Last Monday's Auction	841	118	130	1620	673
Last Year's Auction	476	109	316	872	296

CATTLE: Slaughter steers steady to 50 lower; slaughter heifers fully steady; cows 50-1.00 higher; bullocks scarce; bulls firm to 1.00 higher. Supply included 44% slaughter steers, 11% slaughter heifers, 33% cows, and 12% bulls.

SLAUGHTER STEERS: Choice 2-3 few 4 1150-1465 lb 75.85-78.50; few mixed Choice and Prime 2-3 few 4 1175-1450 lb 78.00-79.00; few Choice 2 1150-1275 lb 78.75-79.25; few Choice 3-4 1475-1575 lb 74.75-76.35; Select and low Choice 2-3 1100-1400 lb 72.00-76.00.

HOLSTEINS: Choice 2-3 1350-1635 lb 65.50-67.75; couple High Choice and Prime 2-3 1370-1510 lb 68.00-68.60.

SLAUGHTER HEIFERS: Choice 2-3 975-1275 lb 71.50-76.75; few Choice 2 1050- 1200 lb 76.50-77.50; few Choice 2-3 900-950 lb 67.75-71.50; Select 2-3 950-1200 lb 67.00-70.50.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility & Commercial 2-3 48.00-52.00 52.00-54.00 Commercial 3-4 43.00-46.50, Several 750-900 lb 42.00-45.50 Cutter & Boning Utility 1-2 46.00-49.50 49.50-53.00 Canner and low Cutter 41.00-43.00 43.00-46.00.

BULLOCKS: Few Choice 2-3 1150-1375 lb 66.00-69.00; couple Select 1-3 1050- 1325 lb 62.00-64.00.

BULLS: Yield grade 1 1200-2200 lb 61.00-65.50, few 66.00-71.00, four head 1825-1930 lb 75.75-77.00; Yield grade 2 1000-1550 lb 58.00-61.50.

CALVES: Vealers not tested; slaughter calves steady. Demand good for Holstein bulls to return to farm.

SLAUGHTER CALVES: Good and Choice 275-550 lb 65.00-75.00; few Choice 275-350 lb 75.00-85.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 120.00-150.00.

HOGS: Barrows and gilts steady to 50 lower; sows 1.00 higher.

BARROWS AND GILTS: US 1-3 210-250 lb 40.00-41.00. US 1 Few 215-245 lb 42.00-42.50. US 2-3 260-270 lb 38.50-39.50.

SOWS: US 1-3 300-650 lb 31.00-34.00. Medium 1-2 300-450 lb 29.50-31.00.

BOARS: 300-650 lb 28.00-30.25.

SHEEP: Slaughter lambs steady; slaughter ewes steady, instances 5.00 higher. Supply included 70% wooled lambs, 10% New Crop lambs, with the balance slaughter ewes.

WOOLED LAMBS: Choice 2-3 70-110 lb 80.00-85.00, 60-80 lb 85.00-90.00; Good and low Choice 65-90 lb 75.00-80.00.

NEW CROP LAMBS: Choice 20-40 lb 120.00-150.00, few 150.00-175.00; 40-60 lb 100.00-130.00; 60-80 lb 85.00-90.00.

SLAUGHTER EWES: Utility and Good 30.00-50.00, Yearlings and two-year olds 50.00-65.00.

GOATS: All goats sold by the head. Large Billies 80.00-120.00, few 120.00-170.00; Large Nannies 70.00-90.00. Medium 50.00-70.00; few Thin 40.00-50.00. Small, mainly kids, 45.00-60.00; few Thin 35.00-45.00.

Vintage Livestock Auction

Tuesday, December 22, 1992
Report Supplied By USDA

	Cattle	Calves	Sheep	Goats
Today	627	927	4	1
Last Tuesday	677	854	8	0
Last Year	304	582	0	1

CATTLE: SLAUGHTER STEERS MOSTLY STEADY, SOME STRENGTH ON CHOICE 2; SLAUGHTER HEIFERS AND BULLOCKS NOT TESTED; COWS STEADY; BULLS STEADY. SUPPLY INCLUDED 23% SLAUGHTER STEERS AND 67% COWS.

SLAUGHTER STEERS: CHOICE 2-3 FEW 4 1050-1450 LB. 77.50-79.75, FEW 1050-1100 LB. AND 1375-1450 LB. 78.50-77.00; 20 HEAD CHOICE 3 1100-1425 LB. 80.00-81.50, COUPLE 82.10-82.75; SELECT AND LOW CHOICE 2-3 1050-1450 LB. 72.25-77.00, FEW 77.50-78.25.

HOLSTEINS: ONE LOT CHOICE 3 1420 LB. 66.00.

COWS: BREAKING UTILITY & COMMERCIAL 2-3, BULK 48.00-50.50, HIGH DRESSING 50.50-52.50; CUTTER & BONING UTILITY 1-2, BULK 48.50-49.50, HIGH DRESSING 49.50-51.50; CANNER & LOW CUTTER, LOW DRESSING 40.00-43.00, BULK 43.00-46.35.

BULLS: YIELD GRADE 1 1350-2050 LB. 60.00-63.35; YIELD GRADE 2 1050-1700 LB. 55.00-59.00, INDIVIDUAL 2255 LB. 56.00.

CALVES: VEALERS STEADY. SUPPLY INCLUDED 726 IN GRADED SALE OF WHICH 92% SOLD TO RETURN TO FARM.

VEALERS: FEW HIGH GOOD AND LOW CHOICE 145-375 LB. 60.00-77.00, 80-110 LB. 42.00-50.00, FEW 100-110 LB. 50.00-57.00; STANDARD AND LOW GOOD 65-85 LB. 20.00-40.00.

RETURNED TO FARM: 260 HEAD 100-125 LB. HOLSTEIN BULLS 160.00-165.00, 50 HEAD 95 LB. 165.00-167.00, 50 HEAD 90 LB. 152.00-157.00, AND 20 HEAD 85 LB. 131.00; 60 HEAD SMALL FRAME 100-115 LB. 126.00-128.00, 75 HEAD 90-95 LB. 113.00-116.00, AND 45 HEAD 80-85 LB. 45.00; 27 HEAD 100-120 LB. HOLSTEIN HEIFERS 202.00-216.00, 32 HEAD 90-95 LB. 154.00-155.00, AND 15 HEAD 80-85 LB. 115.00; FEW 90-110 LB. SMALL FRAME 130.00-137.00 AND 22 HEAD 70 LB. 45.00-51.00.

SHEEP: NO MARKET TEST.

GOATS: NO MARKET TEST.

Lancaster Livestock Auction

Wednesday's market report has been discontinued until further notice because of insubstantial receipts.

Friend's Stockyard Inc.

Accident, Md. 21520
Dec. 21, 1992

STOCK BULLS AND STEERS (200-500 LBS.) 75.00-82.00.

STOCK HEIFERS 55.00-70.00.

SLAUGHTER STEERS GOOD TO CHOICE 73.00-77.75; MEDIUM TO GOOD 65.00-72.50; HEAVY CHOICE OVER 1450 LBS. 67.00-73.00.

HOLSTEIN STEERS HEAVY 58.50-64.00; LIGHT 45.00-56.00.

SLAUGHTER HEIFERS GOOD TO CHOICE 72.00-76.00; MEDIUM TO GOOD 65.00-71.50.

BULLS HEAVY 54.00-66.10; LIGHT 46.00-54.00.

COWS FEW HIGH DRESSING 47.00-51.00; UTILITY HOLSTEIN 44.50-50.00, CANNERS 41.00-47.00, COMMERCIAL TO GOOD 39.00-45.50, CULL COWS 40.00 AND DOWN.

VEALS GOOD TO CHOICE 72.00-82.00, MEDIUM TO GOOD 50.00-70.00.

BOB CALVES 40.00 AND DOWN.

HOLSTEIN BULL CALVES, RETURN TO FARM (90-120 LBS.) 125.00-164.00.

HOLSTEIN HEIFER CALVES, RETURN TO FARM (100-120 LBS.) 120.00-198.00.

BEEF X CALVES, RETURN TO FARM, UP TO 170.00.

HOGS: TOP QUALITY 41.00-42.50, HEAVY 40.50-41.30, LIGHT 35.00-40.00.

SOWS 28.00-33.00.

MALE HOGS: 24.00-31.00.

LAMBS: 66.00-75.00.

SHEEP: 15.00-28.00.

LIVESTOCK PRICES ARE ALL GIVEN PER HUNDREDWEIGHT!

Dewart Livestock

Dewart, Pa.
Monday, Dec. 21, 1992
Report Supplied by Auction

STEERS: 60.00-65.00.

HEIFERS: 60.00-63.00.

GOOD COWS: 46.00-53.00.

CANNERS AND CUTTERS: 38.00-46.00.

BULLS: 50.00.

VEAL: 90-190 LBS. 99.00-183.00; 70-90 LBS. 60.00-99.00.

HOGS: 39.00-41.10.

SOWS: 28.00-33.00.

FEEDER PIGS: 12.00-32.00 HEAD.

Carlisle Livestock Market

Carlisle, Pa.
Tuesday, Dec. 22, 1992

SLAUGHTER HOLSTEINS: CHOICE NONE OFFERED, SELECT 63.75-65.50, STANDARD 57.50-59.50.

SLAUGHTER HEIFERS: HOLSTEINS 59.00-60.00.

SLAUGHTER COWS: ACTIVE! BREAKING UTILITY AND COMMERCIAL 49.25-52.50; CUTTER AND BONING UTILITY 48.00-52.25; CANNER AND LOW CUTTER 43.00-47.00, BIG MIDDLE 43.00-46.50; SHELLY 41.00 AND DOWN.

FEEDER STEERS: HOLSTEINS 650-950 LBS. 60.00-80.00.

FEEDER HEIFERS: HOLSTEINS LARGE #2 55.00-66.00.

VEAL CALVES; STRONG DEMAND FOR HOLSTEINS RETURNING TO THE FARM. CHOICE 90.00-105.00; GOOD 75.00-90.00; STANDARD 45.00-70.00; LIGHT/WEAK 40.00 AND DOWN.

HOLSTEIN FARM BULLS: MOSTLY 160.00-184.00.

HOGS: BARROWS AND GILTS US#1-3 210-260 LBS. 37.60-39.75.

SOWS: 350-500 LBS. 30.00-32.00.

FEEDER PIGS: BY THE HEAD, ACTIVE 20-25 LBS. 27.00-39.00; 27-35 LBS. 32.00-39.00.

SHEEP: 24.00-50.00.

LAMBS: CHOICE 65-75 LBS. 100.00-130.00; GOOD AND CHOICE 100-115 LBS. 67.50-79.00; GOOD 75-95 LBS. 90.00-97.50.

GOATS: BY THE HEAD, LARGE 70.00-90.00; SM/MED/KIDS 47.50-67.50.

SALE EVERY TUESDAY EVENING. RABBITS, POULTRY AND EGGS 4:30 P.M. AND LIVESTOCK 7 P.M.

WE WISH YOU A VERY MERRY CHRISTMAS AND A HAPPY HOLIDAY.

Valley Stockyards

Athens, Pa.
Monday, Dec. 21, 1992
Report supplied by auction

HOLSTEIN HEIFER CALVES GOOD 125.00-180.00.

VEAL CALVES, NO TOP VEALS.

VEALER BULL CALVES 125.00-175.00.

SLAUGHTER CALVES 40.00-65.00.

GRASSERS & FEEDERS 42.00-62.00.

LAMBS LIGHT WOOLED LAMBS TO 65.00, REGULAR LAMBS TO 60.00.

SHEEP 14.00-38.00.

HOGS 36.00-40.00.

SOWS 22.00-30.00.

BOARS TO 27.50.

PIGS BY THE POUND 40.00-60.00.

HEIFERS 38.00-50.00.

STEERS, NO HEAVY STEERS.

FEEDER STEERS 50.00-70.00.

BULLS 49.00-58.00.

GOOD COWS 45.00-50.00, FEW TO 51.00-53.00.

COWS MEDIUM 44.00-47.00.

COWS POOR OR SMALL 40.00 AND DOWN.

HORSES 500.00-680.00.

GOATS TO 100.00.

CATTLE AND CALF MARKETS STEADY; EXPECT TO SEE PRICES AS GOOD AND EVEN STRONGER NEXT WEEK.

Some markets not available due to the holiday

Keister's Middleburg Livestock

Middleburg, Pa.
Monday & Tuesday
December 21-22, 1992
Report supplied by Auction

CATTLE: 322. STEERS: 1.00-2.00 HIGHER; COWS 2.00-3.00 HIGHER.

STEERS: CHOICE 1150-1450 LBS. 74.00-83.00, FEW SELECT 68.00-73.50, FEW STANDARD 55.00-62.00. CHOICE HOLSTEINS 66.25-69.00, SELECT HOLSTEINS 63.00-67.00.

HEIFERS: FEW CHOICE 74.50-78.25, FEW SELECT 67.00-69.00.

COWS: BR. UTILITY & COMMERCIAL 49.00-54.00, COUPLE TO 57.00; CUTTER & BONING UT. 48.50-58.75, CANNER & LOW CUTTER 42.50-47.50; SHELLS DOWN TO 38.00.

BULLOCKS: CHOICE @ 71.75.

BULLS: YIELD GRADE NO. 1 FEW 980-1700 LBS. 55.00-66.00.

FEEDER STEERS FEW M&L-1 300-850 LBS. 71.00-88.00.

CATTLE HEIFERS: FEW M1 400-650 LBS. 65.00-70.00.

CALVES 165 VEALERS: FEW GOOD 76.00-82.00; STANDARD & GOOD FEW 70-100 LBS. 40.00-50.00, FEW UTILITY 50-80 LBS. 25.00-40.00.

FARM CALVES: NO. 1 HOL. BULLS 90-130 LBS. 125.00-162.50; NO. 2 HOL. BULLS 80-120 LBS. 70.00-120.00. HOL. HEIFERS NO. 1 85-130 LBS. 130.00-179.00, FEW DOWN TO 80.00, FEW BEEF X BULL & HEIFERS 70-115 LBS. 65.00-182.50.

HOGS: 647. 2.00-3.00 LOWER, BARROWS & GILTS #1 225-250 LBS. 42.75-44.00; US NO. 1-2 225-250 LBS. 40.25-42.50; US NO. 1-3 190-290 LBS. 38.00-40.00.

SOWS: US NO. 1-3 300-600 LBS. 29.00-32.00; NO. 2-3 250-500 LBS. 25.00-28.75; BOARS 26.00-27.00.

FEEDER PIGS: 366. US NO. 1-3 20-35 LBS. 31.00-41.00; NO. 1-3 35-55 LBS. 38.00-48.00.

SHEEP: 28. LAMBS (21 GOATS) LARGE GOATS 40.00-100.00 HD. MED. FEW 19.00-40.00/HD. CHOICE FEW 30-50 LBS. 1.03-1.09, ONE LOT 70 LBS. 88.00. CHOICE 90-105 LBS. W.S.H. 49.00-55.00, FEW EWES 12.00-22.00.

LANCASTER STOCK YARDS
Open 24 hours a day
365 days a year
(717) 394-2611

AUCTIONS

MONDAY
9:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. - Goats, Veal Calves, Lambs
12:00 Noon - Slaughter Hogs

WEDNESDAY
8:00 A.M. - Slaughter Hogs
10:00 A.M. - Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. - Veal Calves, Lambs

FRIDAY
11:00 A.M. - Stocker and Feeder Cattle

SATURDAY
8:00 A.M. - Slaughter Hogs

Holiday Schedule
No Hog Sale Sat. Dec. 26
& Sat. Jan. 2

Next Feeder Cattle Sale
Friday, Jan. 8 - 11:00 A.M.

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike, Lancaster, PA 17601
Incorporated in 1895 - Serving The Community for 97 Years

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Rt. 22
PHONE JONESTOWN 865-2881
Flea Market Auction every Tuesday at 12:30. Tools, Eggs, Produce, etc.
Buyers & Sellers Welcome

B&R CATTLE CO.
RD 1, Marietta, PA 17547
Office Phone: (717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph (717) 653-5728
RON RANCK
Ph (717) 656 9849

HAY, STRAW & CORN
—SALE—
Please Note New Sale Time!
Starting Jan. 3
Sale Starts 10 AM
Every Friday At 10 AM
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

VINTAGE SALES STABLES, INC.
SALE TUESDAYS
10:30 A.M.
SLAUGHTER CATTLE AUCTION — STEERS, BULLS, HEIFERS, COWS, FEEDER CATTLE
7:30 P.M.
CALVES, SHEEP, GOATS
* GET CALVES IN EARLY — OUR STATE GRADER STARTS AT 1:00 P.M.
Selling Feeders Every Tuesday
At Approx. 2 PM
L. ROBERT FRAME, SR., PRESIDENT
GLENN S. FRAME, MGR.
BUS (717) 442-4181 BUS (717) 768-8204
HOME (215) 458-8518
IRWIN MARTIN, FIELD REP.
(717) 733-7434
KENNETH E. HERSHEY, FIELD REP.
(717) 442-4874
TRUCKING SERVICE AVAIL.-LOCAL & LONG DISTANCE
(RT. 30, 10 MILES EAST OF LANCASTER IN PARADISE, PA)

Hog Markets

Indiana Hogs

Louisville, Kentucky
Tuesday, December 22, 1992

INDIANA DIRECT HOGS 51 BARROWS AND GILTS: STEADY TO INSTANCE .50 HIGHER. DEMAND LIGHT TO MODERATE. COUNTRY: PLANTS: US 1-2 230-260 LBS. 39.50-40.50, 40.00-41.00, FEW TO FEW 41.00-41.50. 41.50. US 1-3 230-260 LBS. 38.00-40.50, 200-230 LBS. 36.50-39.00.

SOWS: MOSTLY 1.00 LOWER.

US 1-3 300-500 LBS. 26.00-29.00, 500-650 LBS. 27.50-30.00.

INDIANA DIRECT RECEIPTS: MONDAY'S ACTUAL 25,300 TODAY'S ESTIMATE **26,000 TUESDAY WEEK AGO 30,600 TUESDAY YEAR AGO 14,200 WEEK TO DATE 51,300 SM PD WEEK AGO 60,400 SM PD YEAR AGO 37,400.

CARCASS BASIS HOG PRICES: MID-SOUTH DIRECT HOG TRADE HOT CAR- CASS VALUE INFORMATION REPORT STARTED JULY 06, 1992.

**RECEIPTS HAVE CHANGED DUE TO CHANGE IN REPORTING BASE.

St. Louis Cattle, Hogs

Tuesday, December 22, 1992

OPENING MID-SESSION CLOSE CATTLE AND CALVES: 25 (25 SLTR, 0 FDRS) TRADE ACTIVE ON LIMITED SUPPLY RECEIPTS CONSISTS OF COWS AND BULLS. BOTH CLASSES FULLY STEADY. RECEIPTS EXPECTED TO EXCEED ESTIMATE.

COWS STEADY.

SLAUGHTER COWS: CUTT, UTIL, COMM BULK SALES HI DRESS% LO DRESS% BREAKING 2-4 44.00-47.00 47.00-48.00 BONING 1-2 47.00-49.00 48.00-50.00 LOW TO AVG. CUTT 43.00-47.00.

SLAUGHTER BULLS: YG 1-2 1250-1800 LBS. 55.00-62.00.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Dec. 21, 1992
Report Supplied By Auction

349 HEAD. MARKET STRONGER.
DRIVING HORSES 610.00-825.00.
RIDING HORSES 510.00-885.00.
KILLERS LIGHTWEIGHT 515.00-695.00; HEAVYWEIGHT 740.00-860.00, FEW 890.00-975.00; THIN 75.00-470.00.
PONY MARES 115.00-280.00.
PONY COLTS 45.00-110.00.
GELDINGS 115.00-280.00.
LARGER PONIES: 350.00-465.00.
WORK HORSES 910.00-1070.00.
COLTS 385.00-460.00.

New Holland Hogs

Monday, Dec. 21, 1992

916 HEAD, MARKET 1.50-2.00 LOWER.
RETAIL: 43.00-43.75.
WHOLESALE: US1-3 220-260 LBS. 42.00-42.75; US2-3 215-268 LBS. 40.25-42.00; HEAVYWEIGHT 31.00-34.50; LIGHT 35.50-41.50.
LIGHTWEIGHT SOWS: 28.50-30.50.
BOARS: 28.50-33.50.
HEAVYWEIGHT 36.50-39.50.

Lancaster Hogs

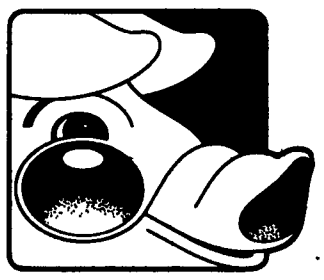
Lancaster Stockyards
Sat., Dec. 19, 1992
Report supplied by auction

850 HEAD.
US 1 215-245 LBS. 42.00-43.85.
US 1-2 215-245 LBS. 41.00-42.00.
US 1-3 215-245 LBS. 40.00-41.00.
US 2-4 215-255 LBS. 39.00-40.00.
195-210 LBS. 38.00-39.00; 180-195 LBS. 36.00-38.50; 120-180 LBS. 32.00-40.00; 80-120 LBS. 35.00-45.00; 50-80 LBS. 30.00-45.00; 30-50 LBS. 30.00-50.00.
SOWS: GOOD SOWS 31.00-33.00; MEDIUMS 29.00-31.50; THINS 27.50-29.50.
BOARS: HEAVY BOARS 28.00-30.00; LIGHT BOARS 30.00-33.00.

Keister's Hay

Middleburg, PA
Dec. 22, 1992
Report supplied by auction

43 LOADS OF HAY.
STRAW: 11.
EAR CORN: 4.
OATS: 2.
MISC.: 13.
TOTAL: 73.
ALFALFA: 107.50-127.50 TON.
MIXED HAY 60.00-127.50 TON.
TIMOTHY 110.00-122.50 TON.
STRAW: 52.00-77.50 TON.
NEW EAR CORN: 55.00-72.50 TON.
BARLEY: 1.90 BU.
OATS: 1.70-1.90 BU.
12 LOAD FIREWOOD 17.50-45.00.



Hay & Grain Markets

Pa. Grain

December 21, 1992
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL, AND SOUTH CENTRAL PA: HIGHER; SOYBEANS STEADY TO .10 HIGHER.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.15-2.54, AVERAGE 2.33; @WHEAT NO. 2 RANGE 3.40-3.75, AVERAGE 3.57, FEW REPORTED CONTRACT FOR HARVEST 2.97-3.13; BARLEY NO. 3 RANGE 1.75-2.00, AVERAGE 1.86; OATS NO. 2 RANGE 1.40-1.80, AVERAGE 1.62; SOYBEANS NO. 1 RANGE 5.20-5.65, AVERAGE 5.49; FEW REPORTED GR. SORGHUM #2 RANGE 2.10, AVERAGE 2.10; FEW REPORTED NEW EAR CORN RANGE 50.00-60.00, FEW REPORTED 70.00, AVERAGE 55.92.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.00-2.30, AVERAGE 2.16; @WHEAT NO. 2 RANGE 3.00-3.60, FEW REPORTED 2.70, AVERAGE 3.20; BARLEY NO. 3 RANGE 1.60-1.80, AVERAGE 1.64; OATS NO. 2 RANGE 1.20-1.50, AVERAGE 1.33; FEW REPORTED SOYBEANS NO. 1 RANGE 5.42-5.60, AVERAGE 5.48; FEW REPORTED NEW EAR CORN RANGE 45.00-60.00, AVERAGE 51.43.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.15-2.54, AVERAGE 2.33; @WHEAT NO. 2 RANGE 3.40-3.75, AVERAGE 3.57, FEW REPORTED CONTRACT FOR HARVEST 2.97-3.13; BARLEY NO. 3 RANGE 1.75-2.00, AVERAGE 1.86; OATS NO. 2 RANGE 1.40-1.80, AVERAGE 1.62; SOYBEANS NO. 1 RANGE 5.20-5.65, AVERAGE 5.49; FEW REPORTED GR. SORGHUM #2 RANGE 2.10, AVERAGE 2.10; AVERAGE MOISTURE NEW EAR CORN RANGE 45.00-60.00, FEW REPORTED 70.00; AVERAGE 55.92.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.13-2.45, AVERAGE 2.29; @WHEAT NO. 2 RANGE 3.00-3.57, FEW REPORTED 3.75, AVERAGE 3.32; BARLEY NO. 3 RANGE 1.65-1.85, AVERAGE 1.73; OATS NO. 2 RANGE 1.40-1.60, AVERAGE 1.47; SOYBEANS NO. 1 RANGE 5.10-5.40, AVERAGE 5.31; FEW REPORTED NEW EAR CORN RANGE 50.00-55.00; AVERAGE 52.20.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.05-2.60, FEW REPORTED 1.90, AVERAGE 2.33; @WHEAT NO. 2 RANGE 2.90-3.40, AVERAGE 3.15; BARLEY NO. 3 RANGE 1.60-1.71, AVERAGE 1.66; OATS NO. 2 RANGE 1.25-1.65, FEW REPORTED 1.93, AVERAGE 1.53; FEW REPORTED SOYBEANS NO. 1 RANGE 4.97-5.35, AVERAGE 5.16; FEW REPORTED +BUCKWHEAT RANGE 8.00, AVERAGE 8.00.

Diffenbach Auction Center

New Holland, Pa.
Monday, December 21, 1992
Report Supplied by Auction

TOTAL LOADS: 240.
ALFALFA: 65.00-205.00.
MIXED HAY: 75.00-190.00.
TIMOTHY: 75.00-160.00.
ORCHARD GRASS: 53.00-132.00.
STRAW: 60.00-125.00.
EAR CORN: 51.00-61.00.
CORN FODDER: 40.00-62.00.
OATS: 2.45-2.70 BU.
This sale was formerly held at the New Holland Sales Stables. It is now held at Diffenbach's New Holland Auction Center Ltd., 100 W. Jackson St., New Holland, across from the prior sale location. Auction time is 10:00 a.m. Monday.

Westminster Hay

Westminster, Md.
Tuesday, Dec. 22, 1992
Report Supplied by Auction

TOTAL LOADS: 102.
ALFALFA: 80.00-120.00, 2.20-3.50 BALE, 25.00 LARGE ROUND.
ALFALFA MIX: 1.40-2.90 BALE.
TIMOTHY: 106.00-120.00, 1.35-2.90 BALE, 18.00-22.00 LARGE ROUND.
TIMOTHY MIX; 2.50 BALE.
GRASS: 54.00, 1.30-1.70 BALE, 24.00-35.00 ROUND BALES, EACH.
MIXED HAY: 77.50, 1.35-1.80 BALE.
STRAW: 57.00-62.50, .90-1.25 BALE.
OATS: 2.10 BU.
EAR CORN: 40.00 LOAD.
WOOD: 37.00-100.00 CORD.

Green Dragon Hay

Ephrata, Pa.
Friday, Dec. 18, 1992
Report Supplied by Auction

TOTAL LOADS: 117.
MIXED HAY: 105.00-142.00.
ALFALFA: 87.00-145.00.
TIMOTHY: 100.00-165.00.
GRASS HAY: 92.00-135.00.
STRAW: 57.00-100.00.
EAR CORN: 69.00-72.00.
OATS: 2.20 BU.
FIREWOOD: 3 LOADS, 65.00-70.00 LOAD.

Kirkwood Hay Auction

Kirkwood, Pa.
Tuesday, Dec. 22, 1992
Report Supplied by Auction

61 LOADS OF HAY.
MIXED HAY: 1ST CUTTING 77.00-125.00, 2ND CUTTING 125.00-130.00.
TIMOTHY: 96.00-140.00.
ALFALFA: 1ST CUTTING 92.00-120.00; 2ND CUTTING 106.00-150.00; 3RD CUTTING 118.00-152.00; 4TH CUTTING 128.00-140.00.
CLOVER: 128.00.
GRASS: 84.00-158.00.
WHEAT STRAW: 78.00-96.00.
EAR CORN: 60.00.
OATS: 1.60 BU.
WOOD: 62.00 PICKUP LOAD.
TIME 11 A.M.

Regional Hay

December 21, 1992
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW STEADY.

ALFALFA 90.00-120.00; MIXED HAY 75.00-120.00; TIMOTHY HAY 75.00-110.00, FEW REPORTED 135.00; STRAW 40.00-85.00; MULCH 20.00-45.00.

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/18/92. PRICES PER TON: LOADS: 225 HAY, 98 STRAW, & 19 EAR CORN.

ALFALFA 95.00-170.00; MIXED HAY 95.00-165.00; TIMOTHY HAY 109.00-172.00; STRAW 55.00-100.00; EAR CORN 59.00-72.00.

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 12/18/92. PRICES PER TON: LOADS: 93 HAY, 23 STRAW & 9 EAR CORN.

ALFALFA 82.00-140.00; MIXED HAY 70.00-120.00; TIMOTHY HAY 80.00-125.00; STRAW 55.00-89.00; EAR CORN 50.00-70.00.

Greencastle Livestock Market

Hay & Straw
Dec. 21, 1992

32 LOADS.
ALFALFA: GOOD 95.00-116.00, FAIR 70.00-95.00.
ALFALFA MIXED: 75.00-105.00.
TIMOTHY HAY: 100.00-111.00.
MIXED HAY: 80.00-94.00.
WHEAT STRAW: 52.00-66.00.

Dewart Hay

Dewart, PA.
Monday, Dec. 21, 1992
Report Supplied by Auction

23 LOADS OF HAY, 44.00-125.00.
STRAW: 6 LOADS, 59.00-77.00.
WOOD: 10 LOADS, 37.00-68.00.
CORN: 1 LOAD, 78.00.
OATS: 1.80 BU.

Leinbach's Hay

Shippensburg, PA
Dec. 19 and 22
Report Supplied by Auction

ALFALFA: GOOD 100.00-142.50, MEDIUM QUALITY 67.00-97.50.
MIXED HAY: 71.00-134.00.
TIMOTHY: 66.00-150.00.
BROME GRASS: 80.00-120.00.
ORCHARD GRASS: 82.50-122.00.
STRAW: 60.00-80.00.
EAR CORN: 50.00-65.00.
MULCH: 10.00-53.00.
FIREWOOD: 27.00-37.50.
TOTAL: 77 LOADS.

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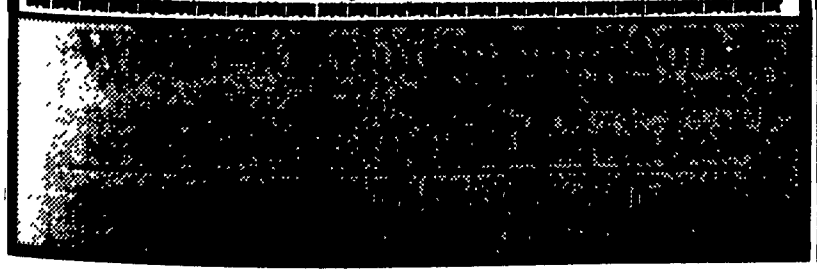
Next Feeder Cattle Sale
Friday, Jan. 8 - 11:00 A.M.

HOLIDAY SCHEDULE
Closed Christmas Day Dec. 25 & Sat. Dec. 26
New Year's Day Jan. 1 & Sat. Jan. 2



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11:00
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Lloyd H. Kreider, Auctioneer
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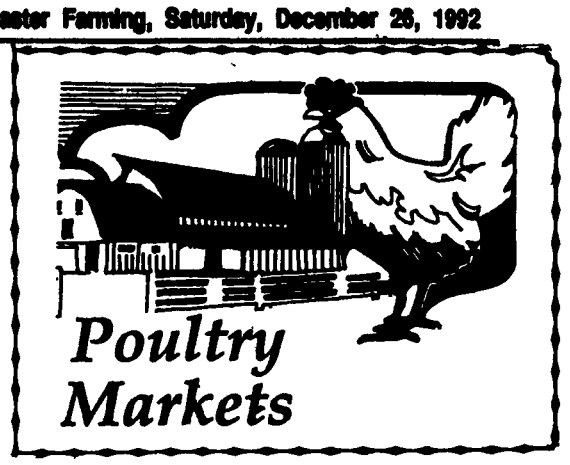

New England Shell Eggs

Tuesday, December 22, 1992

NEW ENGLAND: Prices were unchanged. Trade sentiment was steady. Demand continued good. Supplies were generally adequate.

PRICES PAID TO PRODUCERS, CASES EXCHANGED, GRADE YIELD BASIS, BROWN EGGS LOOSE, AT FARM, CENTS PER DOZEN RANGE JUMBO .78-.81, EXTRA LARGE .77-.80, LARGE .72-.75, MEDIUM .52-.55, SMALL .34-.37.

BOSTON: PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, BROWN EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN.

RANGE EXTRA LARGE .96-.98, LARGE .91-.93, MEDIUM .71-.73.

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Maryland (301) 473-4390

National Egg Market

Tuesday, December 22, 1992

NATIONAL EGG MARKET - AT A GLANCE: Prices were unchanged. The market tone was steady with some cautiousness noted in the Midwest. Demand was moderate to very good, and seasonally active. Supplies were mostly adequate to instances ample, and usually available at steady prices when sought. Breaking stock supplies were adequate, and breaking schedules were reduced for the remainder of the year. Demand for light type hens was light to fair, and offerings were fully adequate to ample; the market tone was barely steady to weak.

New York Egg Market

Tuesday, December 22, 1992

Prices were unchanged. Trade sentiment was steady. Demand continued generally good for the holidays. Supplies were adequate. The New Jersey inventory was 25% below last Monday's level, and the New York inventory was 8% above last week.

PRICES TO RETAILERS, SALES TO VOLUME BUYERS, USDA GRADE A AND GRADE A, WHITE EGGS IN CARTONS, DELIVERED STORE DOOR, CENTS PER DOZEN RANGE EXTRA LARGE .74-.76, LARGE .71-.74, MEDIUM .66-.69.

N.E. Weekly Shell Egg Report

Tuesday, Dec. 22

Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
MAINE	1.10	1.05	.85	.67
N. HAMP.	1.03-1.07	.98-1.02	.78-.82	.60-.64
MOSTLY	1.05-1.06	1.00-1.01	.80-.81	.62-.63
RHODE ISLAND	1.06-1.10	1.01-1.05	.81-.85	.63-.67
MOSTLY	1.06	1.01	.81	.63
VERMONT	1.13-1.15	1.08-1.10	.89	

Northeast Chicken Parts

Tuesday, December 22, 1992

Trucklot buying interest for immediate needs was light. Supplies of boneless skinless breasts ranged adequate to close balance. Trading was reported at steady prices and the undertone was fully steady to firm. Line run breasts were also in close balance with trade needs. Some buying interest for late week deliveries went unfilled. Shipper asking prices trended unchanged to higher and the trade sentiment was fully steady. Yellow skin legs and leg quarters were at least adequate and some competitive pricing was still noted. Wings continued to be short of covering a good demand. Trading was reported at higher prices.

TODAY'S NEGOTIATED SALES AS OF 11:30 A.M., 22-DEC-92 PRICES PAID PER POUND, ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES ITEM CURRENT NEGOTIATED TRADING BREAST - BONELESS SKINLESS 180 BREAST - WITH RIBS 84-85 BREAST - LINE RUN 84 LEGS 33-34 LEG QUARTERS 22-23 THIGHS 29-30 DRUMSTICKS 26-27 WINGS 48-49 BACKS AND NECKS (STRIPPED) 10-12 LIVERS 40 GIZZARDS (HEARTS) 45-50.

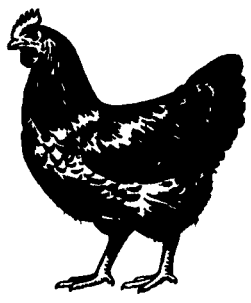
Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

Philadelphia Eggs

Tuesday, Dec. 22, 1992

Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS STEADY. DEMAND WAS MOSTLY GOOD AS PRE-HOLIDAY BUYING REMAINED ACTIVE. SUPPLIES WERE GENERALLY ADEQUATE BUT NOT AS AVAILABLE AS LAST WEEK. THE PENNSYLVANIA INVENTORY WAS 35% LAST MONDAY'S LEVEL. THE COMBINED DELAWARE AND MARYLAND INVENTORY WAS 43% BELOW LAST WEEK. A EXTRA LARGE .72-.74, A LARGE .70-.72, A MEDIUM .65-.66.



Eastern PA & NJ Poultry

Atlanta, Ga.

Tuesday, December 22, 1992

Prices were about unchanged to lower on light type fowl compared to prior week levels. Offerings were fully adequate to instances ample for current requirements. Heavy hens were irregularly availabile but overall reported as suffcient for needs. Undertone barely steady to weak.

CENTS PER LB., GENERALLY FOR SLAUGHTER THE FOLLOWING WEEK.

HEAVY TYPE (7 POUNDS AND UP) * AT FARM BUYER LOADING TOO FEW TO REPORT FOB PLANT TOO FEW TO REPORT.

LIGHT TYPE AT FARM BUYER LOADING 5-10 CENTS/LB. MOSTLY 5-8 FOB PLANT TOO FEW TO REPORT.

* WEIGHTS UNDER 7 LBS. SUBJECT TO DISCOUNT.

Delmarva Broiler/Fryer Market

Tuesday, December 22, 1992

Movement of ready-to-cook whole birds was moderate with some improved inquiry. Supplies were generally adequate. Live supplies were mostly moderate. Weights were in a desirable range. Slaughter schedules were heavy, and planned to be lower for the upcoming holiday. Less than trucklot asking prices were unchanged at 46 to 55 cents. Trade sentiment was steady. Parts continued to move into better balance with wings in the strongest position, and dark meat generally available for the light demand.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL AVG. WEIGHT ACTUAL AVG. WEIGHT
12/22 12/18 12/18 12/15 12/11 2,089 1,838
4.46 2,268 4.
57 *BROILER/FRYER CURRENT NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA.

BRANDED U.S. GRADE A RANGE 44-55 WEIGHTED AVERAGE 47.54 NO. OF BOXES 8,589.

*7 of 9 plants reporting.

New York & Phila. Frozen Eggs

Tuesday, December 22, 1992

The market tone continued barely steady to weak. Trading activity was spotty as most buyers awaited further market developments. Raw materials exceeded current needs as most plants planned reduced holiday schedules. Floor stocks were in good balance to easily satisfy limited buyer interest.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) TRUCKLOTS LTL (MIN. 25 CONT.) RANGE MOSTLY RANGE WHOLE 44-47 45-46 48-56 BLEND (/) - - 54-65 WHITES 39-41 39-40 42-48 SUGARED YOLKS (MIN 43% SOLIDS) 48-51 49-50 52-59 SALTED YOLKS (MIN 43% SOLIDS) 45-47 45-46 48-56 (/) - WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Weekly New York Egg Market Northeast Quotes

From Fri., Dec. 18 to Tues., Dec. 22

	FRI	MON.	TUES.
WHITE			
JUMBO	.79	.79	.79
EX. LARGE	.77	.77	.77
LARGE	.76	.76	.76
MEDIUM	.71	.71	.71
PULLETS	.65	.65	.65
OFF GRADE	.64	.64	.64
BROWN			
EXTRA LARGE	.92	.92	.92
LARGE	.88	.88	.88
MEDIUM	.69	.69	.69
OFF GRADE			
UNDERGRADES			
AND CHECKS	.24	.24	.24

BREAKING STOCKS: FRI. 48-50 LBS. 37.00-39.00, 50 LBS. AND UP 39.00-40.00.

SUBSCRIPTION INFORMATION

Subscription Price:
$19.00 per year; $36.00 - 2 years
$29.00 per year outside of
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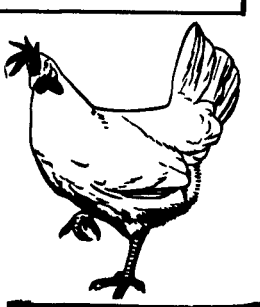


Green Dragon Livestock Sales

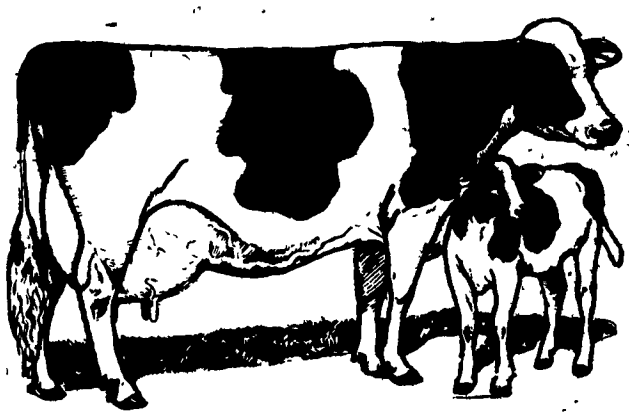
Location: 1 mile N. on North State St., Ephrata.

SALE EVERY FRIDAY
11:00 A.M.- Beef
6:00 P.M.- Small Animal Sale

Office 717-733-6444
Home 717-626-4316

WALTER H. NISSLEY, Proprietor

PENNFIELD "BEST COST" HEIFER PROGRAM

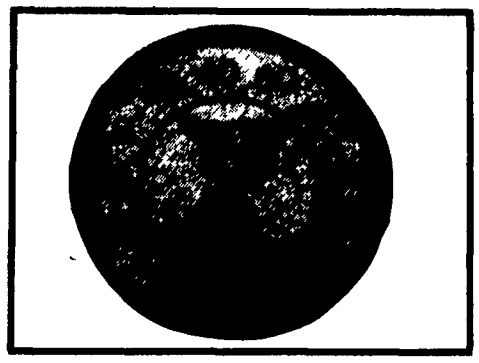


lbs. Fed	Product Fed	Cost/Unit		Total Cost
25 lbs.	"Go Calf" Milk Replacer	$29.06	50 lb. Bag	$ 14.53
345 lbs.	#504 Calf Starter Deccox®	$ 6.65	50 lb. Bag	$ 45.89
480 lbs.	#546 Heifer Grower-Bovatec®	$10.67	100 lb. Bulk	$ 51.22
510 lbs.	#545 Heifer Conc. Bovatec®	$18.18	100 lb. Bulk	$ 92.72
			Total Cost Purchased Feed	$204.36
3,420 lbs.	Hay		$125/Ton	$213.75
17,520 lbs.	Corn Silage		$ 25/Ton	$219.00
			Total Cost-Forage	$432.75
			Total Cost - Feed And Forage	$637.11

#504, #545 and #546 are available in 50 lb. bags and ½ ton bulk
Prices Are For Week Of Dec. 21, 1992 And Include 2½ % Cash Discount.

SPECIAL OFFER - DEC. 27 to FEB. 19

$546 Heifer Grower-Bovatec®



12" Thermometer

#545 Heifer Concentrate Bovatec®

12" Battery Operated Clock
Battery Included

Blue Duck Bomber Jacket
This jacket's stylish good looks and quality make it a standout. Made of 100% cotton 12 oz. duck with dark blue corduroy collar. Heavy-duty brass zipper with inside storm flap. Two set-in pockets with snap closure. Western style yoke on front and back. Lined with flannel that is quilted to a polyester fiber-fill. Machine washable.

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OR

USE THE FREE GOODS DOLLARS TO PURCHASE -

Blue Duck Bomber Jacket
Genuine "Buck" Knife
Pennfield Dairy Clock
Pennfield Dairy Thermometer

Genuine "Buck" Knife with Leather Sheath
Whether you use it for hunting, fishing, or on the farm this top quality "Buck" knife will stand up to years of hard use. It has "Buck's" famous positive locking action. The 3 1/8" blade is a high-chrome, high-carbon steel that holds an edge. Bolsters and liners are made of stainless steel and handles are genuine birchwood.

Here's How The Program Works:

1. Every time you purchase 500 lbs. of Pennfield #545 Heifer Concentrate with Bovatec® or #546 Heifer Grower with Bovatec® you receive credit for 50 lbs. free
2. You may use the 50 lbs. free credit towards the purchase of any of the Pennfield promotional items or you can choose to receive the 50 lbs. of free feed.
3. When you place your order with Pennfield Customer Service, please tell them if you want the credits for purchasing the Pennfield Promotional Items or if you want the free feed.
4. To order your Pennfield Promotional Items (Winter Jacket, "Buck" Knife, Clock, Thermometer) please contact your Pennfield Dairy Consultant.

PENNFIELD CUSTOMER SERVICE DEPT. - OPEN 24 HOURS A DAY
PA 1-800-732-0467 MD, DE & NJ 1-800-233-0202

Quality - Service - Value

Estimated Daily Livestock Slaughter

Under Federal Inspection

Dec. 22, 1992

	CATTLE	CALVES	HOGS	SHEEP
WEDNESDAY (EST)	126,000	5,000	362,000	22,000
WEEK AGO (EST)	118,000	5,000	360,000	21,000
YEAR AGO (ACT)	52,000	6,000	189,000	19,000
WEEK TO DATE (EST)	249,000	10,000	707,000	44,000
SAME PD LT WK (EST)	228,000	10,000	684,000	40,000
SAME PD LT YR (ACT)	174,000	11,000	540,000	39,000

PREVIOUS DAY ESTIMATED TUESDAY STEER AND HEIFER 97,000; COW & BULL 26,000.

Central U.S. Carlot

Pork Report

Dec. 22, 1992

Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3 P.M. COMPARED MONDAY'S 3:00 P.M. CLOSE: FRESH RETAIL CUTS NOT FULLY ESTABLISHED; SKND. HAMS 17-20 LBS. STEADY TO 2.00 LOWER, 20-26 LBS. NOT ESTABLISHED; BELLIES NOT WELL TESTED. MARKET ACTIVITY SLOW TO MODERATE, WITH MOSTLY LIGHT DEMAND AND MOSTLY MODERATE OFFERINGS. NOTE: 5 LOADS, BOSTON BUTTS 4-6 LBS. AT 72.00, ¼" TRIM AT 93.0 FOR SHIPPING DEC. 30, 1992.

42.0 LOADS TRIM/PROCESS PORK CUTS

2.0 LOADS TRIM/PROCESS PORK CUTS

LOINS, REGULAR, FRESH

14-18 LBS. * 5.0 LOADS, RANGE 95.50-102.00, WGHTD. AVG. 99.40.

¼" TRIM 14-18 LBS., 5.0 LOADS, RANGE 111.50-121.00, WGHTD. AVG. 117.20.

LOIN, BLS CTRCT 5-7 LBS.

4.0 LOADS, RANGE 250.00, WGHTD. AVG. 250.00.

TENDERLOIN 1.25 AND DOWN LBS.

1.0 LOADS, RANGE 358.00, WGHTD. AVG. 358.00.

BOSTON BUTT 4-8 LBS.

2.0 LOADS, RANGE 65.00, WGHTD. AVG. 65.00.

¼" TRIM 4-8 LBS., 2.0 LOADS, RANGE 86.00, WGHTD. AVG. 86.00.

SPARERIB, FRESH

1.5-3.5 LBS., 3.0 LOADS, RANGE 96.00, WGHTD. AVG. 96.00.

FRSH/FRZN

1.5-3.5 LBS., 2.0 LOADS, RANGE 188.00, WGHTD. AVG. 188.00.

HAM, SKINNED, SELECTED

FRESH 17-20 LBS., 17.0 LOADS, RANGE 58.00-64.00, WGHTD. AVG. 59.59.

FRESH 20-26 LBS., 1.0 LOADS, RANGE 58.00, WGHTD. AVG. 58.00.

HAM, SKINNED, COMMODITY

FRESH 32 LBS. AND UP, 4.0 LOADS, RANGE 51.50-52.00, WGHTD AVG. 51.88.

BELLY, SDLS, SKIN-ON, FRESH

FRESH 12-14 LBS., 1.0 LOADS, RANGE 28.00, WGHTD. AVG. 28.00.

FRESH 16-18 LBS., 2.0 LOADS, RANGE 26.00-27.00, WGHTD. AVG. 26.50.

PORK TRIMMINGS/ BONELESS PROCESSING PORK (CHEMICAL LEAN)

BOXED 72% FROZEN, 2.0 LOADS, RANGE 48.00, WGHTD. AVG. 48.00.

NOTE! (*) REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

Eighty-Four Livestock

Eighty-Four, Pa.

Monday, Dec. 21, 1992

Report Supplied by Auction

CATTLE 221. STEERS, SELECT 65.00-71.50; STANDARD 48.00-57.00; UTILITY 47.00 AND DOWN.

HEIFERS: SELECT 62.00-68.00; STANDARD 45.00-58.00; UTILITIES 44.00 AND DOWN.

COWS: UTILITY AND COMMERCIAL 47.00-52.50; CUTTERS, BONERS AND UTILITIES 42.00-46.50; CANNERS AND LOW CUTTERS 37.00-41.00; SHELLS 36.00 AND DOWN.

BULLS: #1 55.00-57.50; #2 44.00-54.00.

FEEDER STEERS: 200-300 LBS. 60.00-82.00; 300-500 LBS. 61.00-80.00; 500-800 LBS. 52.50-77.50.

HEIFERS: 200-300 LBS. 54.00-78.00; 300-500 LBS. 49.00-75.00; 500-800 LBS. 48.00-70.00.

BULLS: 200-300 LBS. 69.00-84.00; 300-500 LBS. 59.00-86.00; 500-800 LBS. 50.00-80.00.

CALVES: 166 HEAD. VEALERS CHOICE 87.00-94.00; GOOD 72.50-85.00; STANDARD AND GOOD 58.00-70.00; UTILITIES 55.00 AND DOWN.

FARM CALVES, HOLSTEIN BULLS #1 130.00-177.50; #2 95.00-127.50; BEEF BULLS 85.00-147.50.

HOLSTEIN HEIFERS: 72.50-110.00.

BEEF X HEIFERS 80.00-140.00.

HOGS: 115 HEAD. #1&2 220-260 LBS. 38.00-38.90; #1&3 260-300 LBS. 36.25-37.00.

SOWS: UNDER 500 LBS. 22.00-31.50; OVER 500 LBS. 28.75-32.50.

BOARS: 26.00-31.50.

FEEDER PIGS: 61 HEAD. #1&3 20-30 LBS. 9.00-16.00; 30-40 LBS. 11.00-18.50; 40-50 LBS. 22.00-28.00; 50-75 LBS. 30.00; 75-100 LBS. 30.00-34.00; 100-200 LBS. 29.00-34.00.

SHEEP AND LAMBS: 286 HEAD. NEW CROP OF LAMBS 30-75 LBS. 74.00-96.00; CHOICE 50-75 LBS. 68.00-78.00; 76-100 LBS. 65.50-75.75; 101-125 LBS. 60.00-73.00; FEEDER LAMBS GOOD AND CHOICE 57.00-75.75; UTILITES 59.00 AND DOWN; EWES 15.00-33.50.

GOATS: 18 HEAD. LARGE 40.00-51.00; MEDIUM 24.00-38.00; SMALL 15.00-22.50.

Morrison Cove Livestock

Martinsburg, Pa.

Dec. 21, 1992

Report supplied by auction

CATTLE 238. STEERS CHOICE 75.50-78.50; GOOD 70.50-74.50.

HEIFERS: CHOICE 74.50-77.75; GOOD 68.50-72.75.

COWS: UTILITY & COMMERCIAL 42.50-52.50; CANNER & LOW CUTTER 35.50-47.50.

BULLOCKS: GOOD & CHOICE 59.50-66.00.

BULLS: YIELD GRADE NO. 1 56.50-62.00.

FEEDER CATTLE: STEERS 72.00-81.00; BULLS 64.00-76.00; HEIFERS 54.00-66.00.

CALVES 396. PRIME, NO MKT. TEST; CHOICE 91.00-95.00; GOOD, 67.00-88.00; STANDARD 25.00-53.00; HOLSTEIN BULLS 90-130 LBS. 122.00-157.00; HOLSTEIN HEIFERS 90-130 LBS. 124.00-155.00.

HOGS: 214. US NO. 1-2 41.50-42.50; US NO. 1-3 40.00-41.25.

SOWS: US NO. 1-3 27.00-33.50.

BOARS 27.00-31.00.

FEEDER PIGS: 107 HEAD. US#1-3 20-50 LBS. 20.00-32.00 PER HEAD.

SHEEP: 33 HEAD. CHOICE 70.00-88.00; GOOD 53.00-68.00; SLAUGHTER EWES 20.00-32.00.

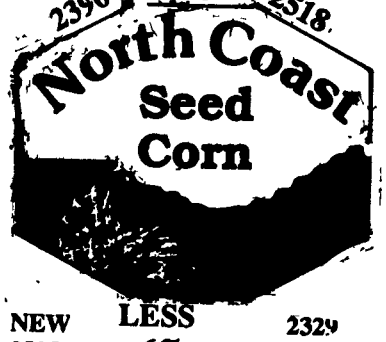
GOATS: 23.00-69.00.

40 LOADS OF HAY. ALFALFA 101.00-110.00; TIMOTHY: 64.00-97.00; 12 LOADS OF STRAW, 77.00-91.00.

Some markets not available due to the holiday

BOYDELL FARMS
302 Iona Rd., Lebanon, PA 17042
Phone 717-272-8943

DISTRIBUTORS FOR:
SILO QUEEN
2390-2402-2517-2518
North Coast Seed Corn



NEW 2525 LESS 6% 2329 BIRD FOOD
PAID IN DECEMBER

SOYBEANS
STINE SOYBEAN SEEDS
NC
3090 E 354-284-Shore
Resnick - Pella

TIMOTHY, TORO and CLIMAX TIMOTHY

ALFALFA
84 VWAP VERNAL WETFOOT ERIE

BALER TWINE
Early Payment By Dec. 24th

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BALBOA TYPE RYE
TP RYE & DANCO RYE

FIELD PEAS & SPECIAL OATS

PECAL
COMBINATION OF PEA & TRICAL

WHOLESALE & RETAIL

HAY, STRAW & GRAIN SALE
Every Thursday at 1 p.m.
Auction will continue all year long
Vintage Sales Stables, Inc.
(Rt. 30, 10 miles east of Lancaster in Paradise, PA)

For Info.
717-442-4181 business
215-458-8518 home

L. Robert Frame, Sr.: president
Glenn S. Frame: Mgr.

VINTAGE SALES STABLES, INC.
Paradise, PA 17562

* 3 POSSUM BELLY TRAILERS AVAILABLE TO HAUL FEEDER CATTLE *

For More Info. Call:
L. Robert Frame, Sr.
(717) 442-4181 Office
(717) 768-8204 Office
(215) 458-5060 Home

NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

HOLIDAY SCHEDULE FOR BEEF SALES

All Mon. and Wed. Sales As Usual
No Sale Thursday, Dec. 24, Christmas Eve
No Sale Thursday, Dec. 31, New Year's Eve

2 SPECIAL SALES

SAT., DEC. 26 > 10:00 AM Bulls, Steers & Beef Cows; 11:00 AM Goats, Sheep, Calves

SAT., JAN. 2 > 10:00 AM Bulls, Steers & Beef Cows; 11:00 AM Goats - Sheep - Calves

These Special Sales Will Better Accommodate Our Buyer's Holiday Slaughter Schedule.

NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster Off Route 23, New Holland, Penna
#61L

C.B. HOOBER & SON, INC.
Intercourse, PA
(717) 768-8231

HOOBER
TWO LOCATIONS
The Saving Place

HOOBER EQUIPMENT, INC.
Middletown, DE
(302) 378-9555

WINTER SPECIALS ON SERVICE AND PARTS

Call Us To Discuss Your Needs

WE SHIP PARTS DAILY
Via FED. EXP. - UPS - PPSH - BUS - AIR FREIGHT, ETC.

HOURS
Mon.-Fri. 7 AM-5 PM; Sat. 7 AM-Noon

CALL US...
It Could Be We Have It

Case IH
Authorized UPS Station

YOU STAY PUT
Pick Up Your Phone And Place Your Parts Order With Us

Virginia Cattle & Hogs

Virginia Weekly

Richmond, Va.
Tues. December 15-Mon. December 21, 1992

WEEKLY REVIEW IN VIRGINIA REVIEW OF VIRGINIA DIRECT HOGS FOR THE PERIOD DECEMBER 15 - 21 RECEIPTS FOR COUNTRY BUYING STATIONS IN VIRGINIA FOR THE PERIOD TOTALED 1443 HEAD. RECEIPTS FOR DELIVERY TO THE PLANT (WITHIN A 30 MILE RADIUS) FOR THE PERIOD TOTALED 5349 HEAD. THE VIRGINIA DIRECT HOG MARKET NO REPORT DUE TO HOLIDAY.

BARROWS AND GILTS: VIRGINIA COUNTRY POINTS U.S. 1-3 220-250 LBS ----- LOCAL PLANT DELIVERED (30 MILE RADIUS).

US 1-2 220-250 LBS. ----- US 2-3 220-250 LBS. ----- US 1-3 200-210 LBS. ----- US 1-3 210-220 LBS. ----- US 2-4 250-260 LBS. ----- US 2-4 260-270 LBS. ----- US 3-4 270-280 LBS. ----- US 3-4 280-300 LBS.

SLAUGHTER STEERS AND HEIFERS -%; SLAUGHTER COWS --% SLAUGHTER BULLS -%, SLAUGHTER CALVES AND VEALERS -%; FEEDER CATTLE UNDER 600 LBS --%, OVER 600 LBS -%

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS SLAUGHTER CATTLE: STEERS CHOICE 2-3 1150-1300 LBS 67.25 HEIFERS CHOICE 2-3 900-1100 LBS ----- CHOICE 2-3 1050-1300 LBS

SLAUGHTER COWS UTILITY & COMMERCIAL COWS 39 00-49 50

SLAUGHTER BULLS BULLS - 1-2 900-1300 LBS 47.50-56 50 1-2 1300-1600 LBS 50.00-61.00 FEW 47.00 1-2 1600 LBS & OVER 49.50-56.00 FEW 64.00.

SLAUGHTER LAMBS CHOICE & FEW PRIME 1-2, 95-125 LBS WOOLED 68.50-75.50 CHOICE 1-2 85-125 LBS WOOLED 66.50-69.50 SLAUGHTER HOGS US 1-3 200-250 LBS ----- SOWS US 1-3 300-500 LBS 28.00-34.00 500 LBS & OVER 29.00-36.00.

FEEDER CATTLE STEERS: MEDIUM 1 200-300 ----- 300-400 87.00-98.00 400-500 81.00-97.00 FEW 76.00-79.50 500-600 80.00-94.00 FEW 72.00-75.00 600-700 82.50-85.50 FEW 68.50-77.00 700-800 74.00-82.00 800-900 70.00-79.25.

HEIFERS: MEDIUM 1 200-300 ----- 300-400 82.00-89.00 FEW 71.50-77.00 400-500 72.00-80.00 500-600 69.00-79.50 600-700 68.00-76.00 700-800 65.00-76.75.

North Virginia

Richmond, Va.
Tuesday, December 22, 1992

DUE TO THE CHRISTMAS HOLIDAYS THE FOLLOWING WEEKLY VIRGINIA LIVESTOCK AUCTIONS WILL NOT BE REPORTED

MONDAY - DECEMBER 21 - LYNCHBURG, ROANOKE & WINCHESTER TUESDAY - DECEMBER 22 MARSHALL & WYTHEVILLE WEDNESDAY - DECEMBER 23 - BLACKSTONE, ORANGE & SMITHFIELD THURSDAY - DECEMBER 24 - HARRISONBURG (ROCKINGHAM & FREDERICKSBURG FRIDAY - DECEMBER 25 - TRI-STATE & STAUNTON UNION SATURDAY - DECEMBER 26 - MADISON & HARRISONBURG (SHENANDOAH).

AUCTIONS WILL START UP AGAIN ON DECEMBER 28, 1992 AND SENT ON TUESDAY, DECEMBER 29, 1992

HAVE A MARRY CHRISTMAS AND HAPPY NEW YEAR FROM VIRGINIA MARKET NEWS OFFICES.

THE VIRGINIA MARKET NEWS OFFICES WILL BE CLOSED THURSDAY & FRIDAY, DECEMBER 24 & 25, 1992 AND THURSDAY & FRIDAY, DECEMBER 31 & JANUARY 1, 1993 FOR STATE HOLIDAYS.

National Grain Market

St. Joseph, Mo.
Tuesday, December 22, 1992

DAILY NATIONAL GRAIN SUMMARY GRAIN AND SOYBEAN PRICES INCHED HIGHER, TUESDAY, SUPPORTED BY EXPORT OPTIMISM AND HIGHER THAN EXPECTED EXPORT INSPECTION FIGURES. WHEAT UNCHANGED TO 4 CENTS HIGHER. CORN UNCHANGED TO 1 CENT HIGHER. SORGHUM UNCHANGED TO 1 CENT HIGHER. SOYBEANS 1 TO 5 CENTS HIGHER. SEVERAL TENDERS ON BOOKS HELPED TO STRENGTHEN GRAIN AND BEAN PRICES

EXPORT NEWS· NONE REPORTED

DATE CHANGE YEAR AGO TRUCK BIDS· 12/22/92 12/21/92 12/24/91 WHEAT KANSAS CITY 3 68-3 70 NC-DN 1 4 11-4 13 MINNEAPOLIS TRUCK BID 3 79 3/4 UP 1/4 4 20 1/4 4 25 1/4 PORTLAND 4 12-4 14 UP 4-3 4 63-4 64 ST LOUIS 3 72-3 77 NC-UP 2 3.74-3 76

CORN, U S NO 2 YELLOW· KANSAS CITY 2.14-2 18 UP 1-NC 2 54-2 55 MINNEAPOLIS 2 03 UP 1 2.31 SO IOWA 2.06-2 11 DN 1-2 NA OMAHA 1.96-1.99 NC NA.

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.72-5.73 UP 3-1 5.68-5.70 MINNEAPOLIS 5 54 3/4 UP 3 1/4 5.46 SO. IOWA 5.66-5.72 UP 5-2 NA C. ILL. PROCESSORS 5.73 3/4-5.84 3/4 UP 3 1/2 5.71-5.76.

*TRUCK BIDS FOR KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 1 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 3.47 NC 3.98 1/2 MINNEAPOLIS (MAR) WHEAT 3.34 3/4 UP 1/4 3.85 1/4 CHICAGO (MAR) WHEAT 3.54 1/4 UP 1/2 4.00 3/4 (MAR) CORN 2.19 NC 2.54 (JAN) SOYBEANS 5.76 3/4 UP 3 1/2 5.62.

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 3.99-4.01 NC 4.52-4.53 NO. 2 SOFT RED WINTER WHEAT 3.95-3.98 UP 1/4-1/2 4.41 NO. 2 YELLOW CORN 2.35-2.37 1/2 DN 1-UP 1/2 2.76 NO. 2 YELLOW SORGHUM RAIL 4.30 NC BARGE 4.33 UP 1 4.93-4.91 NO. 2 YELLOW SOYBEANS 6.04 3/4-6.06 UP 3 1/4-4 5.92.

Mercer Livestock

Mercer, Pa.
Tuesday, Dec. 22, 1992
Report Supplied By Auction

CATTLE: 215. HIGH CHOICE & PRIME SLAUGHTER STEERS 76.25-79.50, 1 AT 79.60; CHOICE SLAUGHTER STEERS 73.75-77.00, SELECT STEERS 67.00-74.50, SELECT & CHOICE HOLSTEINS 59.00-64.50. SLAUGHTER HEIFERS CHOICE 72.00-75.50, SELECT 65.00-71.00.

COWS: BREAKING UTILITY & COMMERCIAL 43.00-49.00, CUTTER AND BONING UTILITY 45.00-52.00, 1 AT 57.00; CANNER AND LOW CUTTER, 32.00-40.75, SHELLS LOW YIELD 19 00-31.00.

BULLOCKS: CHOICE 56.00-61.00, SELECT 49.25-55.00.

BULLS. YG#1 62.00-66.00

CALVES, 90. CHOICE, 160 LBS 80 00, GOOD 150-200 LBS .60-.80, STANDARD & GOOD 50-90 LBS .30-.60, HOLSTEIN BULLS 100-120 LBS. 1.30-1.69; #2 85-125 LBS. .90-1.25, HOLSTEIN HEIFERS 90-105 LBS 1.30-2 00. TOP BEEF BULL AT 95 LBS. 1.70. TOP BEEF HEIFER 90 LBS. 1.15.

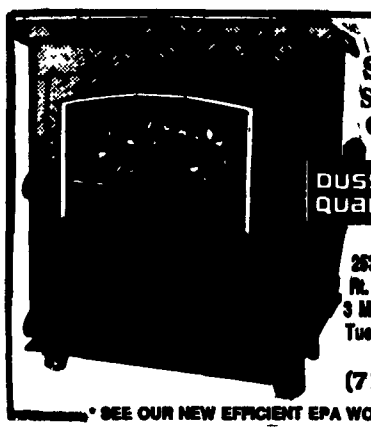
HOGS: 138. BARROWS AND GILTS US#1-2 230-250 LBS. 38.25-39.60; US NO. 1-3 225-240 LBS. 37.50-39.00.

SOWS #1-3 350-700 LBS. 29.00-35.00.

BOARS: 250-450 LBS. 28.00-33.00.

FEEDER PIGS: 40-100 LBS. 22.00-34.00.

LAMBS: 70-115 LBS. 55.00-70.00.



STRATFORD
State of the art Coal Stoves at
DUSSINGER'S Quality STOVES
2838 OLD PHILA. PIKE, Rt. 340, Smoketown, PA
3 Miles East of Lancaster
Tues., Thurs. & Fri. 10-8; Wed. & Sat. 10-5
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* SEE OUR NEW EFFICIENT EPA WOOD STOVES

Southboat Leaf Tobacco
Dealer in All Types of PA Grown Tobacco

Before you sell Maryland or PA grown tobacco on the farm, call 717-687-9517 between 7 & 8 a.m. for price or update Market report. Please make calls as short as possible to let next call come in.
24 Meadow Lane, PO Box 192
Paradise, PA 17562

GIGANTIC SELECTION
In Lancaster Farming's CLASSIFIEDS

Discount Cash & Carry Days Sale
NOW IN PROGRESS
See Last Week's Issue, Dec. 19th,
Pages D13 Through D23 For Details

BINKLEY & HURST BROS. INC.
133 Rothsville Station Rd. • Lititz, PA 17543
Phone: (717) 626-4705

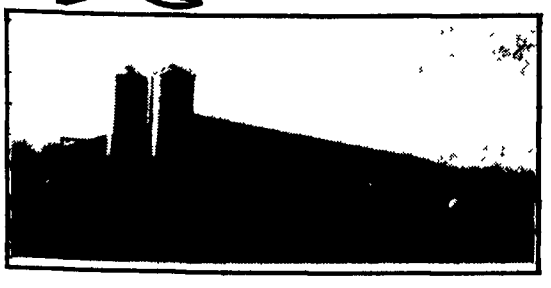
OPEN
Monday Through Friday
7:00 AM to 5:00 PM
Saturdays 7:00 AM to 12:00 Noon
Thurs., Dec. 24 - 7:00 AM to 3:00 PM
CLOSED: Fri. & Sat., Dec. 25 & 26
Fri., Jan. 1

A & C Diffenbach Auction Inc.
100 West Jackson Street • Box 186 • New Holland, Pennsylvania 17557
Office: (717) 355-7253 • FAX: (717) 355-9547
HAY & GRAIN SALE EVERY MONDAY - 10:00 A.M.

MON.	JAN. 4	WHOLESALE FURNITURE	6:30 P.M.
WED.	JAN. 6	WINROSS TRUCK & FARM TOYS	6:30 P.M.
FRI.	JAN. 15	FARM EQUIPMENT & SUPPLIES	9:00 A.M.
TUES.	JAN. 26	QUILT, CRAFT & BUGGIES	9:00 A.M.
WED.	JAN. 27	QUILT & CRAFT	9:00 A.M.

EQUIPPED FOR AN AUCTION AT YOUR PLACE OR OURS
ALAN DIFFENBACH AUCT. - AU2258-L

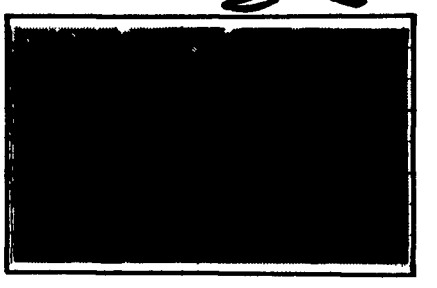
HOG FINISHING CONTRACTS AVAILABLE
FOR MORE INFORMATION AND FREE ESTIMATES CALL
NORTHEAST AGRI SYSTEMS: 1-800-673-2580
KING CONSTRUCTION



101'x 245' Deep Pit Total Slatted 3000 Head Finishing Barn By King Construction With Center Support Wall. , Bins And , Flex Auger Fill Systems

All Solid Steel Fencing With Stainless Stee Adjustable Feeders

Tunnel Ventilation Fans By AAA , All Fiberglass Housings And Props With Lifetime Warranty



Northeast Agri Systems Fencing Available With Double Stainless Steel Fence Feet And Stainless Steel T-Bolts

Equipment By
Northeast Agri Systems, Inc.
FLYWAY BUSINESS PARK
139 A West Airport Rd. Lititz, PA 17543
(717) 569-2702 1-800-673-2580

Buildings By
KING CONSTRUCTION CO.
601 Overly Grove Road
New Holland, PA 17557
(717) 354-4740

The OLD FARMER'S ALMANAC THIS WEEK WITH

DEC. 28-JAN. 3, 1993

EARTH AT PERIHELION, JAN. 3.

NOT NECESSARILY FOR KIDS

On December 28, 1869, William F Semple of Mount Vernon, Ohio, patented his "acceptable" chewing gum However, this wasn't the first chewing gum by a long shot. New England Indians chewed the resins of spruce trees, and early American colonists picked up the habit. In 1848, John Curtis and his brother made "State of Maine Pure Spruce Gum" on their Franklin stove Centuries before that, the Mayans chewed chicle, the coagulated milky juice (latex) of the sapodilla tree It was the Mayan's chicle that lead to our "chewing satisfaction" of today. Mr Semple began combining the resilient latex with "other articles" and the result was, well, acceptable. It wasn't wild strawberry bubblegum, but it was a far cry from spruce.

When one sheep leads the way the rest follow.

TIP OF THE WEEK

☞ **Store small Christmas ornaments in empty egg cartons.**

The OLD FARMER'S WEATHER FORECAST

NORTHEAST: Cold wave and snow, then rainy and mild; colder and clearing, flurries.

SOUTHEAST: Cold; warm Florida, then rainy and mild; clearing and turning colder.

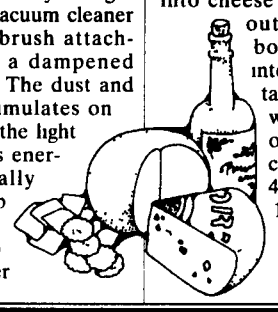
MIDWEST: Clear and cold; seasonable, rain and snow; then sunny and mild.

NORTHWEST: Seasonable; rain coast, snow mountains; then milder, clearing mountains

SOUTHWEST: Clear, warm days, cold nights, snow mountains then clear and mild.

EARWISE

Sometimes you can do something very simple to save energy and money Here's a tip for these dark winter months that needs no special equipment or initial cash outlay: Clean your light bulbs with a vacuum cleaner and the soft brush attachment, or use a dampened dusting cloth The dust and dirt that accumulates on bulbs reduces the light output, wastes energy, and actually shortens bulb life, causing the bulbs to burn out sooner



CHEESE STICKS

1 pound sharp Cheddar cheese, finely grated
4 tablespoons butter, softened
2 cups flour
¼ teaspoon cayenne pepper
salt

Combine cheese and butter Mix together flour and pepper and blend into cheese mixture. Roll out on a floured board and cut into 2x½-inch rectangles. Sprinkle with salt Bake on ungreased cookie sheets at 400° F for 8 to 10 minutes.

Makes about 9 dozen.

Greencastle Livestock

Greencastle, Pa.
Monday, Dec. 21, 1992

SLAUGHTER CATTLE RECEIPTS: 455. SLAUGHTER STEERS: 64 HD. TREND: STEADY.

HIGH CHOICE AND PRIME 2-4 75.00-78.50; CHOICE 2-3 950-1075 LBS. 70.00-74.00; CHOICE 2-3 1075-1375 LBS. 71.50-76.00; CHOICE 2-3 OVER 1375 LBS. 70.00-75.00; CHOICE 4 ALL WEIGHTS 67.00-73.00; SELECT & CHOICE 1-2 950-1100 LBS. 65.00-71.00; SELECT & CHOICE 1-2 1100-1375 LBS. 64.00-71.00; SELECT & CHOICE 1-2 OVER 1375 LBS. 62.00-69.50.

HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 63.00-69.00; SELECT 1-2 1050-1450 LBS. 57.00-62.00.

SLAUGHTER HEIFERS: 30 HD. TREND: STEADY. CHOICE 2-3 850-1000 LBS. 67.00-72.00; CHOICE 2-3 1000-1250 LBS. 71.00-76.00; CHOICE 4 ALL WEIGHTS 67.00-71.00; SELECT & CHOICE 1-2 850-1000 LBS. 64.00-71.50; SELECT & CHOICE 1-2 1000-1250 LBS. 65.00-72.50.

HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 61.00-66.75; SELECT & CHOICE 1-2 1000-1350 LBS. 55.00-60.00.

SLAUGHTER BULLS: 26 HD. TREND: 3.00-4.00 HIGHER. YIELD GRADE 1 ALL WEIGHTS 60.00-64.00; YIELD GRADE 2 ALL WEIGHTS 54.00-60.00.

BULLOCKS: 10 HEAD. CHOICE 1-3 950-1150 LBS., 63.00-68.50; SELECT 1-3 1150-1375 LBS. 64.00-67.50; SELECT 1-2 950-1250 LBS. 66.00-74.50.

COWS: 325 HD. TREND: 1.00-2.00 HIGHER. BREAKING UTILITY & COMMERCIAL 46.00-52.00; CUTTER & BONING UTILITY 47.00-52.75, CANNER & LOW CUTTER 46.50 & DOWN.

STOCKER & FEEDER CATTLE RECEIPTS: 99 HD., STEADY TO WEAKER. BEEF TYPES: 200-400 LBS. STEERS 75.00-89.00, BULLS 70.00-85.00, HEIFERS 66.00-80.00; 400-600 LBS. STEERS 70.00-80.00, BULLS 60.00-69.00, HEIFERS 62.00-72.00; 600-800 LBS. STEERS 68.00-78.00, BULLS 57.00-63.00; HEIFERS 60.00-65.75; 800-975 LBS. STEERS 64.00-71.50, BULLS 55.00-61.00; HEIFERS 56.00-62.00.

HOLSTEINS AND DAIRY CROSS: 200-400 LBS. STEERS 65.00-74.00, BULLS 61.00-71.50; HEIFERS, NONE; 400-600 LBS. STEERS 60.00-62.00, BULLS 54.00-59.00; HEIFERS, NONE; 600-800 LBS. STEERS 55.00-60.00, BULLS NONE, HEIFERS, NONE; 800-975 LB. STEERS 51.00-56.00, BULLS NONE, HEIFERS, NONE.

CALVES: 589 HD. VEAL CALVES. TREND: STEADY. CHOICE 150-300 LBS. 75.00-98.00; GOOD 150-300 LBS. 65.00-90.00; GOOD 100-150 LBS. 55.00-80.00; GOOD 80-100 LBS. 45.00-60.00; STANDARD 80-100 LBS. 40.00-50.00; STANDARD 80 LBS. & DOWN 40.00 AND DOWN.

CALVES RETURNING TO THE FARM: TREND: WEAKER. HOLSTEIN BULLS OVER 100 LBS. UP TO 161.00; UNDER 100 LBS. UP TO 158.00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 180.00; UNDER 100 LBS. UP TO 170.00; BEEF TYPE BULLS OVER 90 LBS. UP TO 160.00; BEEF TYPE HEIFERS OVER 90 LBS. 130.00.

SHEEP & LAMBS: 68 HD. LAMBS: TREND: STEADY TO 5.00 HIGHER. CHOICE 80-100 LBS. 65.00-75.00; 100-120 LBS. 65.00-72.00; 120 AND OVER, 60.00-64.00; MEDIUM & GOOD ALL WEIGHTS 55.00-67.00; LIGHT LAMBS 75.00-95.00.

SHEEP: EWES LEAN 19.00-28.50; EWES FAT 17.00-26.00; YEARLINGS, 32.00-45.00; BUCKS, 20.00-25.00.

GOATS: 110 HD. SMALL 19.00-31.00, MEDIUM 30.00-58.00; LARGE 59.00-119.00.

HOGS, SOWS & BOARS: 188 HD. TREND: 1.00-2.00 LOWER. HOGS, BARROWS & GILTS: 210-250 LBS. 39.00-42.00; 250-260 LBS. 38.00-40.00, 260-270 LBS. 37.00-40.00; 270-300 LBS. 35.00-39.00.

LIGHT HOGS: 140-180 LBS. 31.00-38.00; 180-210 LBS. 33.00-37.00

SOWS: TREND: 2.00 LOWER. GOOD SOWS UNDER 400 LBS. 28.00-33.50, GOOD SOWS OVER 400 LBS 29.00-33.50; CULL SOWS ALL WEIGHTS 27.50 & DOWN.

BOARS: TREND: 1.00 LOWER 180-210 LBS. 30.00-32.00; 210-260 LBS 32.00-34.50; 260-300 LBS. 27.50-29.50; 300 LBS. & OVER 25.00-28.00.

SALE EVERY MONDAY AT 2:00 P.M. & EVERY THURSDAY AT 1:00 P.M.

HAY & STRAW SALE EVERY MONDAY & THURSDAY AT 11:30 A.M.

SPECIAL FEEDER CATTLE SALE: FRIDAY, JAN. 1, 1993, AT 7:15 P.M.

SPECIAL FEEDER PIG SALE: SATURDAY, DEC. 26, AT 1:00 P.M.

HOLIDAY SCHEDULE: NO SALE THURS., DEC. 24, RESCHEDULED FOR SAT., DEC. 26. SALE TIME 2 P.M. NO SALE THURS., DEC. 31, RESCHEDULED FOR SAT., JAN. 2. SALE TIME 2 P.M.

FEEDER PIG SALE SAT., DEC. 26, 1 P.M. FEEDER CATTLE SALE FRI., JAN. 1, 7:15 P.M.

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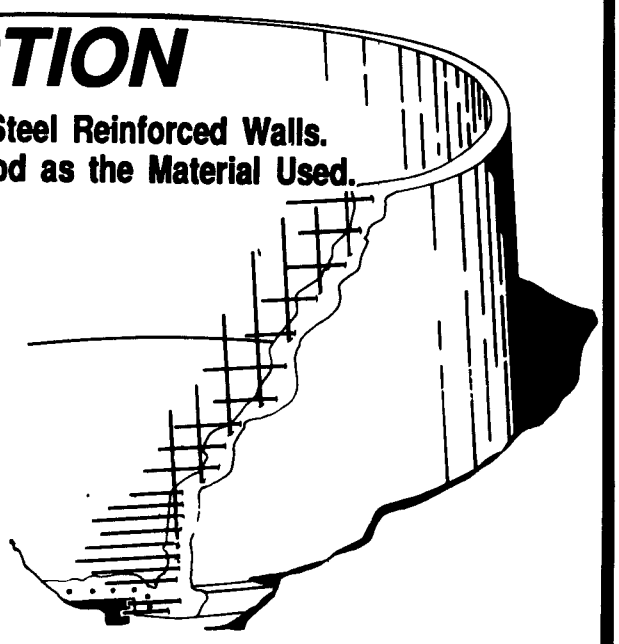

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Philadelphia Vegetables

Philadelphia, Pa.

Tuesday, December 22, 1992

VEGETABLES ---ARTICHOKES: OFFERINGS INSUFFICIENT TO QUOTE ---ASPARAGUS: OFFERINGS INSUFFICIENT TO QUOTE ---BEANS: OFFERINGS LIGHT VARIOUS BUSHEL CONTAINERS UNLESS OTHERWISE STATED FL Round Green Type 28.00-30.00 fr cond 25.00 Hand-picked 28.00-30.00 ---BEETS: MARKET STEADY NJ bubkts lse 10.00 ctns bchd MX 12s 8.00 TX 12s 8.00 25 lb sks lse TX 8.00 ---BROCCOLI: MARKET ABOUT STEADY CA Crown Cut 11.50 ctns AZ bchd 14s one lot 10.50 bchd 18s one lot 10 50 CA bchd 14s 9.00-10.00 mostly 9.00 ---BRUSSELS SPROUTS: 25 lb ctns CA 15.00 ---CABBAGE: MARKET ABOUT STEADY 1-3/4 BUSHEL CRATE & CARTON MEDIUM GREEN UNLESS OTHERWISE STATED GA fr cond 5 50-6.00 Red Type 12.00 Savoy Type 9 00 TX 8.00 50 lb sks NY 4.50-5.00 Red Type 7.00 ---CARROTS: MARKET LOWER sks 48 1-lb flmbgs CA med-lge 10.00 FL med-lge 10.00 50 lb sks lse CA jbo 9.00-9.50 CD jbo 9.00 FL jbo 9.00 ctns bchd CA 24s 10.00 ---CAULIFLOWER: MARKET ABOUT STEADY ctns flmwrpd CA 12s 10.00-12.00 few 14.00-15.00 one lot 9.50 fr cond 4.00-6.00 green type 12s & 16s 12.00 ---CELERY: MARKET ABOUT STEADY ctns CA 1 1/2 dz 12.00 2 dz 13.00-15.00 mostly 13.00-14.00 some 11.50-12.00 2 1/2 dz 12.00-14.00 mostly 13.00 occ higher 3 dz 12.00-13.00 mostly 12.00 FL 2 1/2 dz 10.00-12.00 mostly 10.00 ---CHINESE CABBAGE: celcrts FL 10.00 ---CORN-SWEET: OFFERINGS INSUFFICIENT TO QUOTE ---CUCUMBERS: MARKET SLIGHTLY LOWER WAXED UNLESS OTHERWISE STATED 1 1/9 bucths FL med 8.00-10.00 MX med 10.00-12.00 mostly 11.00-12.00 fr qual 8 00-9.00 sml 8.00 1 1/9 bucrts MX Pickles med few 12.00 ---EGGPLANT: MARKET ABOUT STEADY 1 1/9 bucths FL med 6.00-8.00 fr cond low as 4.00 fr qual 3 00-6.00 some low as 1.00 bucths MX 18s 7.50-8 00 few 5.00 ---ENDIVE: MARKET ABOUT STEADY 1 1/9 bucrts FL 8.00 few high as 10.00 10 lb ctns BL Witloof 13.00 few 15.00 ---ESCAROLE: MARKET ABOUT STEADY 1 1/9 bucrts FL 12.00-14.00 few 11.00 ---GARLIC: MARKET STEADY LATEKEEPING 30 lb ctns CA White super col 36.00-37.50 some low as 33.00 col 32.00-34.00 mostly 34.00 super jbo 31.00-32.00 few lower exjbo 27.50-30.00 jbo 28.00 few lower ---GREENS: MARKET ABOUT STEADY CRATES & CARTONS APPROXIMATELY 1-1/2 BCHD UNLESS OTHERWISE STATED GA Collard 6.50-7.00 Kale 6.50-7.00 Mustard 6.50-7.00 mostly 6.50 Turnip Tops 6.50-7.00 mostly 6.50 Rape 6.50-7.00 mostly 6.50 NC Collard 6.00-6.50 Kale 6.00-7.00 Mustard 6.00-6.50 Turnip Tops 6.00-6.50 Rape 6.00-6.50 Field Cress 7.00 TX Dandelion 18s 10.00 Swiss Chard 18s 10.00 VA Collard 6.00 Kale 6.00 Mustard 6.00 Turnip Tops 6.00 Rape 6.00 ctns bchd MX Swiss Chard 12s 8 00 Red 12s 8.00 ctns lse CA Kale red 24s 12.00 MX Kale red 24s 12 00 20 lb ctns CA Broccoli Rabe one label 30.00 MX Broccoli Rabe 27.00 few 18.00 ---LETTUCE-ICEBERG: MARKET ABOUT STEADY AZ Naked 24s 8 00-10 00 some mcl fr qual 7.00 few 11.00 Wrapped 24s 10.00-12.00 mostly 10.00 30s 9.00-10.00 CA Naked 24s 8.00-9.00 ---LETTUCE-OTHER: MARKET ABOUT STEADY ctns AZ Boston 24s 10.00 red 11.00 Green Leaf 24s 8.00-10.00 few 11 00 ord cond 3 00 Red Leaf 24s 9.00-10 00 mostly 9 00 few 11.00 CA Boston 24s 9 00 FL Bibb 24s 5.00-6.00 ---LETTUCE-ROMAINE: MARKET LOWER ctns AZ 24s 15 00 small 13 00 1.3 bucrts AZ 24s 16.00-17.00 ---MUSHROOMS: MARKET STEADY 10 lb ctns PA lge 11.00-11.50 med 8.50-9.00 4 qt bkts PA med-lge 4.75-5.00 sml-med 3.75-4.00 3 lb ctns PA Shiitake 15.50-17.00 few 13.50-14.00 fair qual 11.50-13.00 ctns 10 12-oz trays flmwrpd PA 8.50-9.00 ---OKRA: OFFERINGS LIGHT 1/2 bucrts FL sml-med 20.00-22.00 ---ONIONS GREEN: MARKET SLIGHTLY HIGHER ctns bchd MX 48s 6 00-8 00 mostly 7.00-7.50 crts bchd NJ Leeks 12s 12.00 ctns bchd FL Leeks 12s 13.00-14.00 ---PARSLEY: MARKET ABOUT STEADY 5 DOZ CURLY UNLESS OTHERWISE STATED crts bchd FL 13.00-14.00 Plain 13.00-14.00 ctns bchd TX Root 12s 12.00 ---PARSNIPS: 1/2 bucths/crts NJ 10.00 ---PEAS GREEN: MARKET LOWER per lb GU Sugar Snap Peas few 2.00 10 lb ctns per lb GU Snow Peas 1.40-1.60 mostly 1.50-1.60 ---PEAS OTHER: OFFERINGS INSUFFICIENT TO QUOTE ---PEPPERS: MARKET ABOUT STEADY 3.56 DEKALITER CARTONS UNLESS OTHERWISE STATED MOST OFFERINGS FAIR CONDITION FL California Wonder Type Green exlge 11.00 lge 8.00-9.00 1 1/9 bucths FL California Wonder Type Green exlge 11.00-12.00 fr cond 5.00-8.00 lge 8.00-10.00 mostly 9.00 med 6.00-8.00 mostly 7.00-8.00 MX California Wonder Type Green exlge fr cond 5.00 lge fr cond 5.00 ---PEPPERS OTHER: TOO FEW SALES TO QUOTE ---RADISHES: MARKET ABOUT STEADY ctns tpd 30 6-oz flmbgs FL Red 6.00-6.50 mostly 6.50 ctns tpd 14 1-lb flmbgs FL Red 6 50-6 75 ctns bchd MX Red 24s 7.00 ---RHUBARB: OFFERINGS NONE ---RUTABAGAS: MARKET STEADY 50 lb ctns CD CDOne med 7.00 ---SPINACH: MARKET ABOUT STEADY NJ Savoy 1 1/4 bucrt few 8.00 ctns MX Flat 24s 8.00 1 2/5 bucrts bchd CA Flat 24s 11.00 ctns 12 10-oz flmbgs Repacked Enroute Savoy 8. 50-9.50 ctns bchd TX Savoy 10.00 ---SQUASH: MARKET ABOUT STEADY 1/2 & 5/9 bucrts & ctns unless otherwise stated FL Zucchini sml 7.00-8.00 mostly 8.00 occ higher med-lge 4.00-5.00 Yellow Straightneck sml 8.00-10.00 fr appear low as 6.00 med 7.00-8.00 1 1/9 bucrts FL Zucchini lge 6.00 Yellow Straightneck lge 8.00 26 lb lugs MX Zucchini sml-med 10.00 med 8.00 ---SWEET POTATOES: MARKET STEADY CURED NEW CROP 40 lb ctns NC U.S. One Jewels med 8.00-9.00 NJ Jewels med 8.00 fr appear 6.50-7.00 ---TOMATOES: MARKET EXTRA LARGE LOWER, OTHERS ABOUT STEADY 25-LB CARTONS PINK TO LIGHT RED 85% OR BETTER US#1 QUAL UNLESS OTHERWISE STATED FL xlge 16.00-18.00 mostly 16.00-17.00 occ higher fr qual 16.00 lge 15.00-16 00 some incl fr qual 14.00 med 13 00 25 lb ctns Local Repack xlge 19.50 lge 17.50 med 15.50 ---TOMATOES, CHERRY: flts 12 1-pt bkts FL few 14 00 ---TOMATOES, PLUM TYPE: TOO FEW SALES TO QUOTE ---TURNIPS: 25 lb sks PA Purple Top 5.00 ---VEGETABLES OTHER: MARKET ABOUT STEADY GU Radicchio 9.50 IT Radicchio 8.50-9.50.

Some markets not available due to the holiday

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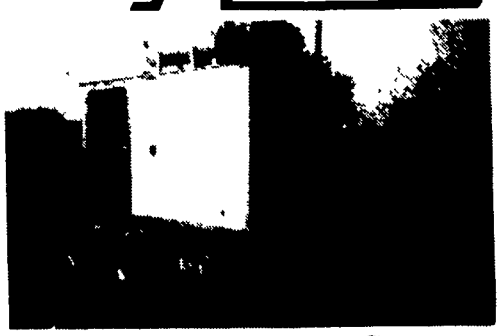

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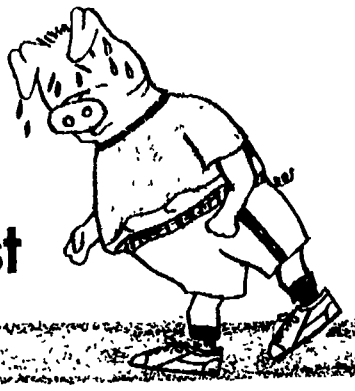

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Lancaster Farming

OPINION

The Christmas Story

And it came to pass in those days, that there went out a decree from Caesar Augustus, that all the world should be taxed. (And this taxing was first made when Cyrenius was governor of Syria.) And all went to be taxed every one into his own city. And Joseph also went up from Galilee, out of the city of Nazareth, into Judea, unto the city of David, which is called Bethlehem; (because he was of the house and lineage of David:) To be taxed with Mary his espoused wife, being great with child. And so it was, that, while they were there, the days were accomplished that she should be delivered. And she brought forth her firstborn son, and wrapped him in swaddling clothes, and laid him in a manger; because there was no room for them in the inn.

And there were in the same country shepherds abiding in the field, keeping watch over their flock by night. And, lo, the angel of the Lord came upon them, and the glory of the Lord shone round about them: and they were sore afraid. And the angel said unto them, Fear not: for behold, I bring you good tidings of great joy, which shall be to all people. For unto you is born this day in the city of David a Saviour, which is Christ the Lord. And this shall be a sign unto you: Ye shall find the babe wrapped in swaddling clothes, lying in a manger. And suddenly there was with the angel a multitude of the heavenly host praising God, and saying, Glory to God in the highest, and on earth peace, good will toward men.

And it came to pass, as the angels were gone away from them into heaven, the shepherds said one to another, Let us now go even unto Bethlehem, and see this thing which is come to pass, which the Lord hath made known unto us. And they came with haste, and found Mary, and Joseph, and the babe lying in a manger. And when they had seen it, they made known abroad the saying which was told them concerning the child. All they that heard it wondered at those things which were told them by the shepherds.

The people that walked in darkness have seen a great light; they that dwell in the land of the shadow of death, upon them hath the light shined.

For unto us a child is born, unto us a son is given; and the government shall be upon his shoulder; and his name shall be called Wonderful, Counsellor, The mighty God, The everlasting Father, The Prince of Peace.

Farm Calendar

Saturday, December 26

Sunday, December 27

Monday, December 28

Tuesday, December 29

Wednesday, December 30

Thursday, December 31

Friday, January 1
Happy New Year!

Saturday, January 2

Sunday, January 3

Monday, January 4
Water Rights, Water Law, and Irrigation Management meeting, Lancaster Farm and Home Center, 8:30 a.m.-1 p.m.

Tuesday, January 5
Northwestern Pa. Forage Schools, Log Cabin Restaurant, Waterford, thru Jan. 6.

Wednesday, January 6
Farm/Municipal Composting Field Days, Preston Boop's Briar Patch Farm, Mifflinburg, 10 a.m.-2:30 p.m.

Dairy MAP-Managing For Success, Family Time Restaurant, York, 10 a.m.-3 p.m., repeats Jan. 20.

Franklin County Dairy Day, Kauffman's Community Center, 9 a.m.-2:30 p.m.

Thursday, January 7
Regional tomato growers meeting, Thompson's Dairy Bar, Lackawanna County, 9:30 a.m.-3:30 p.m.

Farm Financial Management Workshop, Mahantongo Fire Company Hall, Pitman, 7 p.m.-9 p.m.

Friday, January 8
Northumberland County Winter Conference, Otterbein United Methodist Church, Sunbury, 10 a.m.-3:15 p.m.

Saturday, January 9
Pa. State Farm Show, Harrisburg, thru January 14.

Leader's Conference, Linganore United Methodist Church, 10 a.m.-3 p.m.

Sunday, January 10

Monday, January 11

Tuesday, January 12
New Jersey annual vegetable meeting, Trump Taj Mahal, Atlantic City, thru Jan. 14.

Evergreen Plant Identification, Lehigh Co. Ag Center, Allentown, repeats Jan. 13, 19, 20.

Pa. Flying Farmers, Farm Show Complex, Room D, 9 a.m.-3

(Turn to Page A31)

NOW IS THE TIME

By John Schwartz
Lancaster County Agricultural Agent

To Study Why Businesses Fail

Recently, Donald R. Keough, president of Coca Cola Company, shared his 10 commandments for successful losing — the reasons why businesses may fail.

They are:

1. Quit taking risks. Let someone else take the chance. Sit on your laurels.
2. Be content with the status quo. You cannot really control the future, so let it take you where it may.
3. Before you make any move, always ask yourself, "What would the founder have done?"
4. Be inflexible. If you want to lose, rule out flexibility. Do not confuse unwavering principles with unwavering prejudices.
5. Rely totally on research and experts to make decisions for you.
6. Concentrate on your competitor instead of your customer.
7. Put yourself first.
8. Make sure that administrative concerns take precedence over all others.
9. Look to someone else to do the thinking for you.
10. T-G-E = That's Good Enough! That is a losing formula. You should never have an upper limit on quality. T-G-E subscribers also have a related credo: T-N-M-J: That's not my job!

As you begin planning for 1993, how many of these losing commandments do you have?

Now would be a good time to change them into winning commandments.

To Keep Cows In Good Flesh

Does your cow herd need to gain weight? There is increasing evidence that proves when cows lose body condition during mid-gestation, their ability to cycle is lower during the next breeding season.

Researchers at the University of Missouri found when cows lost weight prior to calving and continued to lose weight after calving, the number of females cycling 60 days after calving was only 25 percent. The number of cows in good condition at calving was 90 percent.

Trying to increase the body condition of thin cows after calving resulted in 46 percent cycling within 60 days.

The time to improve their condition is now. Waiting until the last 100 days of pregnancy to put on the gain may be much more expensive than putting the gain on at a slower rate.

To move a thin cow to moderate condition (260 pounds gain — 100 pounds for fetal growth and 160 pounds for cow weight gain) would require a daily gain of 1.3 pounds if the cow was 70 days pregnant (260 pounds/200 days) or a daily gain of 2.6 pounds if the cow was 170 days pregnant (260 pounds/100 days).

To maintain a 12.5 month calving interval, cows have to conceive by about 100 days after calving. Estimates are that it costs about $3 for each day a cow is open beyond her desired date of conception. By keeping cows in proper condition, you will improve your chances of achieving your 12.5 month calving interval.

To Continue Good Horse Management

Keeping horses healthy and properly fed during the winter months is an important factor in good horse management.

Horse owners need to remember management practices for the "off season" when their use of horses are at a minimum. Some practices to remember are:

- Study the condition of each horse and make plans for proper nutrition or special care needs.
- Check feed supplies, making sure you have a supply of clean, high quality hay and grain to build a balanced ration.
- Make sure horses have access to clean and fresh feed and water.
- Clean and inspect horse stalls and sheds and repair damaged materials and remove hazards.
- Plan for an adequate exercise program during the winter months.
- Proper hoof care is a must, especially for young growing horses.
- Separate pregnant mares and provide them special attention and proper nutrition.
- Clean, inspect, and properly store tack that will not be in use during the winter.

Feather Prof's Footnote: "Some people dream of worthy accomplishments while others stay awake and do them."

THE BIBLE SPEAKS
BY LAWRENCE W. ALTHOUSE

MOUNTAINS AND VALLEYS

December 27, 1992

Background Scripture:
Matthew 3:1 through 4:11.
Devotional Reading:
John 1:19-34.

Have you ever noticed that just about every mount of inspiration is likely to be followed by a valley of doubt? Inspiration often seems to open us to doubts of which we were previously unaware. A Roman Catholic priest is said to have confided that "Thre's nothing more boring than hearing the confessions of a group of nuns". The implication, of course, is that being so spiritually advanced, nuns have so little to confess.

But it isn't necessarily so! Very often the more we advance in the spiritual life, the more we discover that we would not have recognized on a lower level. Some of the saintliest people I have known—and there have been a few—were those who were more aware of their imperfection than those of us still battling with the more obvious sins. If you are a drunk, an adulterer, a murderer, a cheat, your sins are very obvious. But some sins—deceit, pride, bitterness, lust, envy, and others — are easily hidden within ourselves.

THE TEMPTER CAME

So, the higher we climb spirtually, the more aware we become of how far we have to go. Jesus was not spared this experience. Three of the gospel writers tell us that, following his wonderful experience of baptism at the River Jordan by John the Baptist, he "was led up by the Spirit into the wilderness to be tempted by the devil. And he fasted forty days and forty nights, and afterward he was hungry. And the tempter came and said to him..." (4:1,2,3). It is well to note that it was the Spirit of God that led Jesus out into the wilderness and it was Jesus himself, who by fasting for 40 days and nights, put himself in the position wherein he could be tempted.

What this means is, not that God wants to see us tempted, but that with every opportunity to choose a higher course, there is also the possibility of choosing a lower one. God could remove the temptation only by giving us no choice at all. But when we are confronted with a higher and lower way, the tempter is always present to persuade us to take the lower way, just as the Spirit is always present to encourage us to take the higher way. When Jesus recognized at the River Jordan that God was saying to him, "This is my beloved Son, with whom I am well pleased," the valley of temptation was assured if he took this message seriously. The temptation is part of the offer. There would be no good, if there were not the possibility of evil. Note, how the devil tempts him: "If you are the Son of God...".

TRUST IN THINGS

It is interesting that Jesus was faced with the same temptations that sometimes confront us. Not that you and I are ever tempted to turn stones into bread, but, we are tempted to forget that there is more to life than material things. We too are tempted to trust in things, but Jesus answered rightly when he said, "Man shall not live by bread alone" (4:4). I'm not sure about the second temptation, to test God, but the third one is known to all of us, the temptation to use ignoble means for the sake of achieving noble ends. How often has the tempter said to each of us, "All these I will give you if you will fall down and worship me"? All of us need to remember as Jesus did: "Begone, Satan! for it is written, "You shall worship the Lord your God and him only shall you serve" (4:10).

Note that the tempter often appeals to reason. In fact, that which makes temptation so compelling is its shear reasonableness. If Jesus were the Son of God, then, of course, he could do these things! If you and I want to see the Kingdon of God on earth, then why not do this or that to make its coming more sure?

At last the devil leaves, although Luke says, only "until an opportune time" (Luke 4:13). Unfortunately, he will be back. But let us remember that if the devil returns to the valley of temptation, there will also be more mounts of inspiration.

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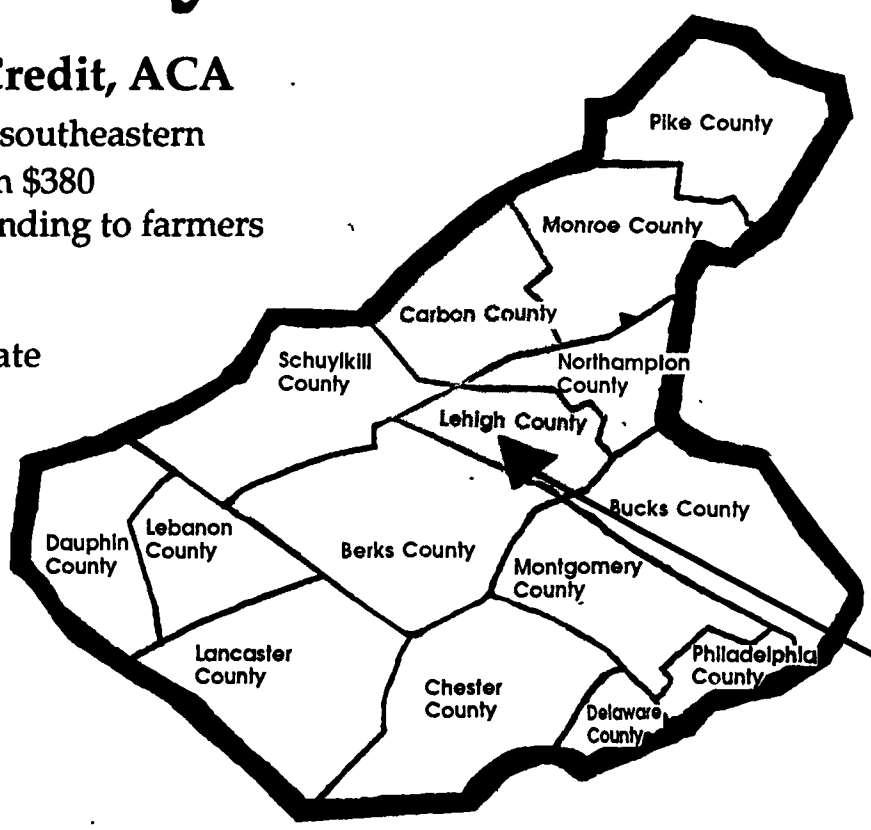

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BERRIES ---BLUEBERRIES: MARKET STEADY flts 12 6-oz flmwrpd cups NZ AIR med 25.00 ---CRANBERRIES: NJ 25-lb crt 40.00-45.00 ---MISC BERRIES: MARKET STEADY flts 12 6-oz flmwrpd cups CL AIR Blackberries 18.00 fair cond 14.00-16.00 ---RASPBERRIES: MARKET LOWER flts 12 1/2-pt cups flmwrpd CL AIR Red 14.00-16.00 mostly 15.00-16.00 few 18.00 ---STRAWBERRIES: MARKET HIGHER flts 12 1-pt bkts FL med 24.00-25.00 fair appear 21.00-22.00.

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00 ctns institutional pk IMPORT petite 12.00 ---CHERRIES: TOO FEW SALES TO QUOTE ---FRUITS OTHER: ctns 1 lyr FL Carambola - Star Fruit 25s few 25.00 ---GRAPES: MARKET ABOUT STEADY 20-21 lb lugs bgd CA Thompson Seedless ord cond 5.00-6.00 Emperor 18.00 Red Globe fair cond 18.00-20.00 18 lb lugs wrpd CL Perlette 25.00-28.00 some 24.00 fair cond 15.00-18.00 mos 15.00-16.00 sml berry sz 15.00-16.00 Thompson Seedless 29.00-32.00 some hias 34.00 Flame Seedless 24.00 one label 30.00 sml 22.00 Superior Seedless 33.00 16 lb lugs wrpd CA Thompson Seedless fair cond 10.00-12.00 ord cond 8.00-10.00 ---KIWIFRUIT: MARKET STEADY flts 1 lyr CA 33s 6.00-6.50 36s 6.00-7.00 39s 6.00-7.00 mostly 6.50 42s 6.00 ---MANGOES: flts 1 lyr BA Haden 7s fr cond 6.50 8s fr cond 6.50 10s 9.00-10.00 few 8.00 12s 9.00-10.00 few 8.00 14s 9.00-10.00 few 8.00 Tommy Atkins 10s 9.00-10.00 few 8.00 12s 9.00-10.00 few 8.00 14s 9.00-10.00 few 8.00 PE Haden 14s few 10.00 ---NECTARINES: OFFERINGS LIGHT ctns 2 lyr trypk CL Armking 60 series 18.00 ---PAPAYA: 10 lb ctns HI AIR 12s 12.00 ---PEACHES: OFFERINGS LIGHT lugs 2-lyr trypk CL BOAT Spring Lady 72s 11.00-12.00 50 series 13.50 ---PEARS: MARKET STEADY 4/5 buctns OR U.S. Fcy Bosc 100s 20.00 110s 20.00 120s 18.00 U.S. One Bosc 100s 22.00 110s 21.00 120s 17.00 WA U.S. One D'Anjou 70s 22.00 some loas 18.50 80s 22.00 90s 20.00-22.00 100s 20.00-21.00 mostly 21.00 110s 19.00-20.00 mostly 20.00 120s 18.00-19.00 mostly 19.00 135s 18.00-18.50 Bosc 90s 24.00 100s 23.00 ---PERSIMMONS: CA Hachiya 16s 8.00-9.00 20s 8.00-10.00 few 11.00 fair cond 6-6.50 21s 8.00 fair cond 5.00-6.00 23s one label 10.00-11.00 24s 6.00-6.50 28s 6.00 32s 5.50-6.00 ---PINEAPPLES: ctns 2 lyr CR 12s 12.00 14s 12.00 ctns HI AIR 6s 12.00 ---PLUMS: OFFERINGS LIGHT 28 lb ctns lse CA Angeleno 3x4x4 sz ord cond 5.00-7.00 ctns 2-lyr CL Red Beaut 90 series 10.00-14.00 few 9.00 100 series 12.00 88s 13.00-14.00 10 kg ctns CL Red Beaut 100 series fair cond 6.00-7.00 ---POMEGRANATES: OFFERINGS INSUFFICIENT TO QUOTE ---PRUNES: OFFERINGS NONE.

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Philadelphia, Pa.

Tuesday, December 22, 1992

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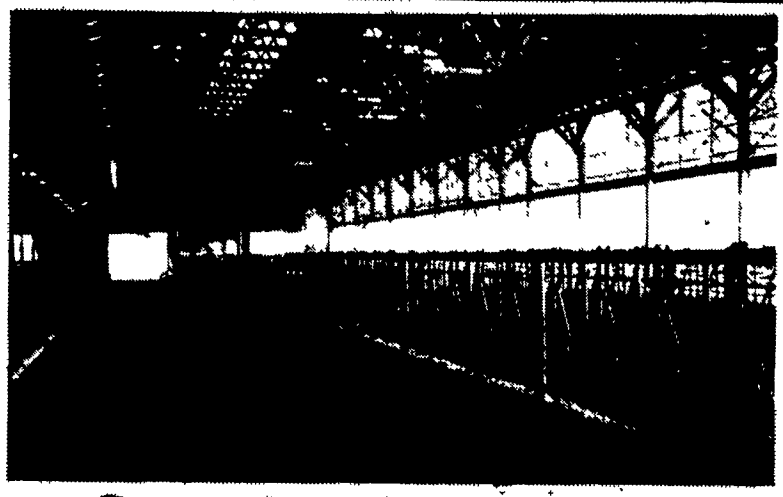

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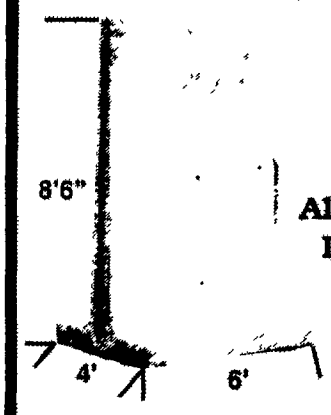

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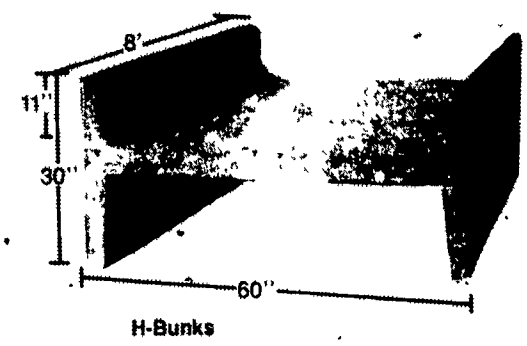

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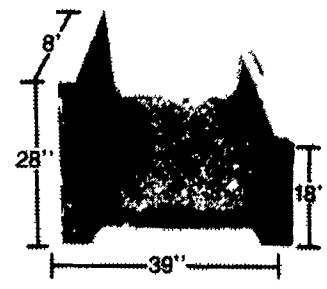

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What's Christmas Without A Tree?

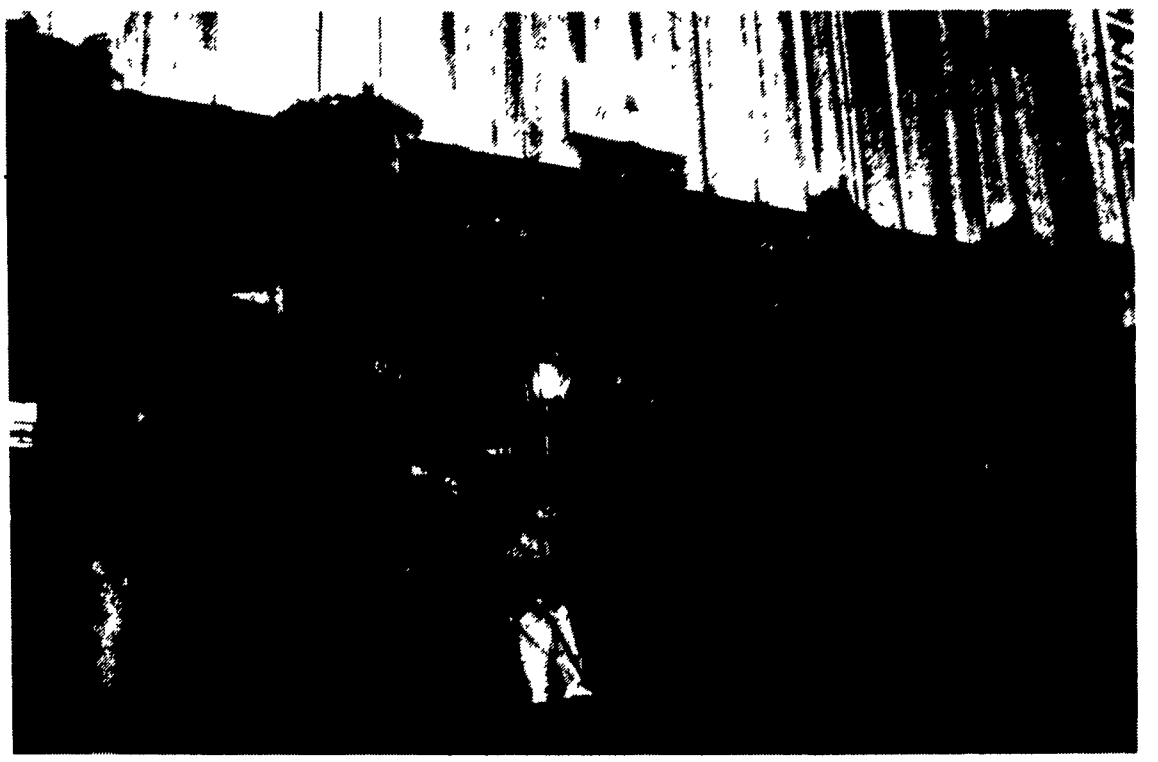
EVERETT NEWSWANGER
Managing Editor

ON THE ROAD FROM MILLERSVILLE TO NEW DANVILLE (Lancaster Co.)—Nestled on the hill overlooking the Conestoga River, the newly established Honeysuckle Hill Tree Farm poses for the antiquity and conservationism that many people blend into the meaning of Christmas. "Newly established" means the trees harvested this year were planted in 1985. And the people who blend the meaning of Christmas into the tagging, cutting and bringing home a live Christmas tree are Honeysuckle's customers.

And the customers come, 100 a day over weekends, up the gravel lane past the chateau to the weathered bank barn that serves as a sales room. A horse in the hill pasture lifts his head over the rail fence and neighs a small greeting as you disembark from your vehicle. You may pet his nose if you are inclined to do so. The sliding doors to enter the side of the barn are obviously new, but they look old.

Inside, a warm woodstove fire greets you along with a Holstein calf in the side stall and a friendly kitten. The smell of hot cider and apple munchies along with a pile of evergreen branches given free to customers fills your nose with a pleasant Christmas feeling that's hard to resist.

For Don Claussen, the idea to use his nine plus acres as a Christmas tree farm was an evolutionary process. At first the land was rented as corn ground. He later considered grapes, but the short period of intensive harvest required for grapes did not fit the part-time position he had available for farm work.



At Honeysuckle Hill Farm, selecting a tree becomes part of the Christmas tradition. On hand to help create this Christmas photo are from left, Mark Sharpe; Billy Killian, 3, and his dad Alan Killian who manages the farm; and Joe Koehler. Billy's twin brother Roger Alan III was in pre-school when the photo was taken.

When a colleague at Armstrong World Industries suggested he grow Christmas trees, the idea seemed to fit with the resources and the land preservation desires Claussen had for the farm.

"I wanted a crop that looks good, beautiful year around, that the wild life would enjoy," Claussen said. "I'm not a hunter, a conservationist I suppose. I wanted the farm to be profitable, too, but that was not the driving issue."

In a business that is competitive, Honeysuckle Farm has found a nitch that works. They develop top quality trees. And they develop special customer relations with families who want the purchase of a Christmas tree to be part of the Christmas celebration.

To develop the trees, they plant in grids that include a sod strip between rows to hold the soil from washing into the river during heavy rain storms. Herbicide is used under the trees to prevent competition for moisture and to keep the lower branches nice.

Each tree is pruned to keep a Christmas tree shape and remove excess growth. If the lead (top shoot) is bent, a pipe cleaner is attached to cause the tree to grow straight again. Seedlings are planted between older trees to get a head start on the next crop of trees.

"I'm competing with the large growers," Claussen said. "They know what they are doing on a large scale, and they would not use my methods. They do it in volume and commercially. I can't be big, but I can be good."

To accommodate customers,

(Turn to Page A14)

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What's Christmas

(Continued from Page A13)

Claussen invites them to come early to tag their trees. Customers have come as early as October. When the tree is tagged and the customer is ready to cut it, the staff members bring the tree to the barn, use an air hose to blow out the dead needles, make sure the bottom cut is straight and drill a whole up into the trunk from the bottom so the tree will fit onto the stand holder.

"I have people who come to look at the tree, then come back with the family and tag the tree," Claussen said. "Later they come back to visit the tree and at last, come back one more time to cut the tree and take it home. They bring camcorders and cameras out to the field. Selecting a tree is a family event for them. They really care about their tree. I am amazed how much time people will spend on a tree they intend to throw away after Christmas.

"So we give them and their tree special individual attention and our efforts seem to be appreciated. I need to be commercial enough so people know I'm here, but no flashing lights or neon signs," Claussen said. "Many of my customers come for the country atmosphere and we bend over backwards to share our country atmosphere with them."

In addition to the retail business at the farm, some trees are sold wholesale and some for fundraising activities. At other times of the year, trees are dug and sold for landscaping projects.

Everyone on the farm works part-time. A number of employees have been referred by the guidance counselor at Penn Manor High School. Claussen likes to create jobs in his business. "I tell the high school guidance counselor to send me kids who want to work, but who can also use the bucks," Claussen said. "We hire all part-time help, and I try to have a bank of people on call at all times."

Claussen said the Christmas tree business is often overlooked in Lancaster County. He believes there are many trees growing in the nooks and crannies around the county. "More than you realize," he said.

But he thinks it's a good part time job for someone with some acres to plant in trees. "Everything my fellow worker told me about the Christmas tree business was correct, except that they don't require a lot of work," Claussen laughed.

"But we have fun. We work hard to make it fun. I keep hearing about the economy and the oversupply of trees, but I guarantee people are going to have a tree for Christmas," Claussen said.

"What's Christmas without a tree?"

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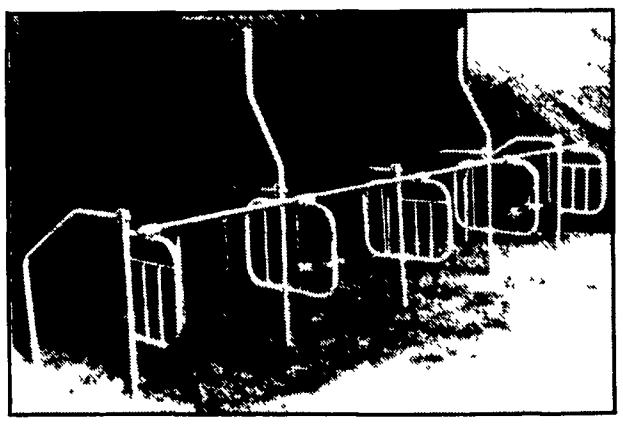
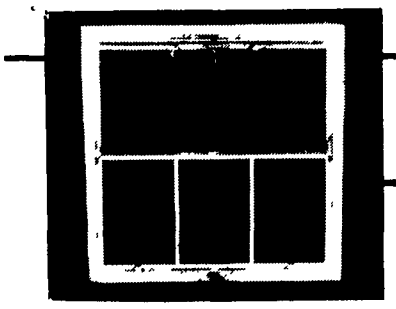
Lapp Comfort Tie Stall



- The Lapp Comfort Tie Stall was designed for the cow's comfort and easy access to the water bowl.
- Optional:
  Pipeline Bracket
  Rear Trough Divider
  Cow Trainer Bracket
- Trough divider designed so that the cows do not steal the other cow's feed.
- Stall partition designed for easier milking.
- Water bowl location makes it easier for the cow to drink water.

Gutter Grate



Lapp All Steel Galvanized Windows

Closed Dec. 25 & 26, 1992, And Jan. 1 & 2, 1993

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TRACTORS:

IH M w/Side Mtd. Mower Balance Head $1,950
JD 4240 PS, Sound Guard $21,500
AC WD w/2 Row Mtd. Picker $1,500
Oliver 88 G SOLD er Steering $1,550
JD 2240 Utility Diesel $8,950
JD 2940 4WD Cab $12,500
Case 1816 SOLD er Loader

USED BOBCATS & ATTACHMENTS:

Bobcat 642 Propane Skid Steer Loader $8,400
Bobcat 610 SOLD er Loader $2,250
Bobcat 909 Backhoe $5,250
Bobcat 5A Landscape Rake $4,350
Bobcat 2000 Articulate Loader $14,500

COMBINES & PICKERS:

6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head $3,650
JD 653 6 Row 30" Bean Head $2,450
JD 13' Quick Tach Rigid Grain Head $1,850
JD 444 4 Row Wide Corn Head $3,650
JD 213 Rigid Head For Side Hill $2,650
NI 2 Row Wide w/Sheller $1,850
6 Row 1000 PTO Stalk Shredder $2,450
UFT 6 Row Stalk Shredder 1000 PTO $2,450
MF 410 Gas Combine w/Platform And 4 Row Wide, Nice
JD 4400 Dsl. Combine

HAY & FORAGE EQUIPMENT:

JD 1 Row, Row Crop Attachment, Nice $550
JD 5½ ' Pickup Attachment
NH 1010 Bale Wagon $4,350
NH 268 Baler w/Ejector
JD #30 Hydraulic Bale Ejector $1,500
Hesston 1091 Mower Conditioner $2,950
Owatonna 320 Stacker $1,550
JD 1209 Mower Conditioner $2,950
NH 495 12' Haybine $4,850
JD 50 Side Mtd. Mower For 10 And 20 Series. $575
Side Mtd. Hydraulic Drive Highway Mower $1,250
JD 3 Row Row Crop Attch. 30" For Harvester $4,450
NH 770 Harvester With 2 Row Wide Corn Head And Pickup $4,450
IH 430 Baler w/Thrower
JD 337 Baler w/Ejector $7,950
JD 35 Harvester With Pickup Wheel Rake $425
JD 2 Row W SOLD v Crop Head
JD 14T Baler $650
Hesston PT 10 Haybine $950
JD 2 Row 30" Row Crop Attch. For Harvester

CULTIPACKERS

Brillion 10' w/Big Shaft $950
Brillion 3' Section 28' Packer $2,450
Brillion 12' w/Big Shaft $1,250
Brillion 12' Packer w/Transport $1,850
JD F930 14' Transport Packer $1,850
JD 12' Packer $1,250

Coming in...

JD 1250 3x18" Plow
18' Wing Fold Field Cultivator S-Tines
JD 3940 Harvester w/Pickup

PLOWS-MOLDBOARD AND CHISEL:

JD 7B 2500 Plow $3,950
JD 1450 6-16" Semi-Mtd. Plow $2,250
JD 1B Roll-Over Plow $1,250
IH 9 Tooth Pull Type Chisel $1,850
JD 2700 6B Auto Reset On-Land Plow $7,450
JD 10 Tooth Pull Type Chisel $1,850
JD 3200 6x18" Pull Type Auto Reset Plow $3,950
JD 2500 5x18" Auto Reset Plow $3,950
JD 1710A Mulch Tiller, 13 Shank, Sharp $4,500
JD F125 3x16 Plow $950
Oliver 5 or 6 Bottom Spring Reset Plow $2,950
JD F325 3x16" Auto Reset Plow $950
IH 15' 3 Pt. Chisel $1,650
IH 720 SOLD uto Reset Plow $2,950
JD 2600 4 SOLD Reset Plow $4,250
JD 1250 4x18" Plow $1,050

DISCS AND FIELD CULTIVATORS

JD 210 14' Black Gang Disc $3,850
IH 475 20' Hydraulic Wing Disc $4,350
JD 230 27' Wing Fold Disc w/New Blades $7,850
JD BWF 12' Disc $1,850
IH #45 12' Field Cultivator w/Tine Harrow $1,850
JD 18' Field Finisher $1,450
JD BWF 12' Disc $1,450
JD AW 10' Disc $1,150
JD TW 12' Plowing Disc $2,350

ROW CROP CULTIVATORS & ROTARY HOES

JD RM 4 Row 30" Cultivator $1,050
JD RM 4 Row Cultivator $1,050
JD 6R 30" Cultivator $850

PLANTERS & GRAIN DRILLS:

JD 7000 Conservation 6 Row Liquid $9,500
JD Model B 14x7 Double Disc Drill $1,450
JD 8300 21x7 DD Drill $3,450
Oliver 13x7 Grain Drill SD w/Grass, Nice $1,150
MF #43 21x7 Plain Grain Drill $1,050
JD 7000 4 Row Wide Row Planter

ROLLER HARROWS AND CULTIMULCHERS

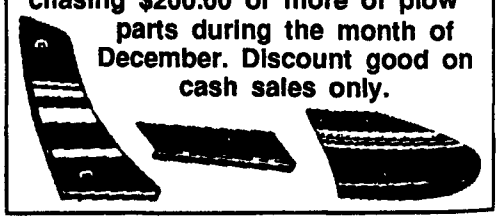
IH #315 12' Roller Harrow $2,850
Kewanee 20' Flat Fold Roller Harrow $5,950
Brillion 15' Cultimulcher $3,650
JD 970 15' Roller Harrow, New Style $5,950

MISCELLANEOUS:

Transcraft 42' Drop Deck Trailer, Air Ride, Nice $8,500
NI 244 Manure Spreader $2,450
Gehl 322 Scavenger Spreader $5,950
JD 40 Manure Spreader w/Tail Gate $1,450
NI 2 SOLD der $2,450
JD 450 Hydro Push Spreader $2,850
JD 146 Loader, New Style, Single Lever $2,650

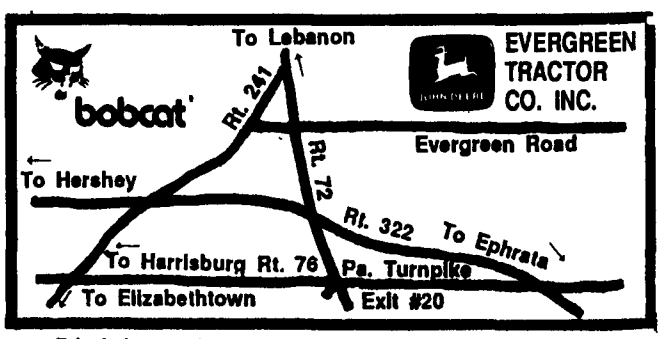
PLOW PARTS SPECIAL

Receive a 10% discount when purchasing $200.00 or more of plow parts during the month of December. Discount good on cash sales only.



HOLIDAY HOURS
Christmas
Thurs. Dec. 24- Open 7:30 A.M. To 12 Noon
Friday, Dec. 25- Closed
& Sat. Dec. 26- Closed
New Year's
Thurs. Dec. 31- Open 7:30 A.M. To 12 Noon
Friday, Jan. 1- Closed
& Sat. Jan. 2 Closed

Store Hours
PARTS- Mon. Thru Fri. 7:30 A.M. To 4:30 P.M.
Sat. 8:00 A.M. To Noon
SERVICE- Mon. Thru Fri. 8:00 A.M. To 4:30 P.M.



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Program Highlights Dairy Cow Reproduction, Nutrition

NEW HOLLAND (Lancaster Co.) — A dairy day seminar held at Yoder's Restaurant in New Holland last week featured several experts on dairy reproduction and nutrition.

The seminar was sponsored by Agri Basics Inc., a consortium of 10 independent dairy farm consultants who offer feed and soil services.

The business of independent dairy nutrition consultants and also a soils specialist started in March 1989 in order to allow the members to offer clients tailored services available through the team, according to Kurt Umble, president of the board.

The seminar offered a number of speakers not connected to the business and display area for commercial exhibitors at the restaurant facility.

Umble said that since he and his partners started the business, they felt it was important to offer educational seminars for their clients, rather than to hold promotional gatherings.

One of the key speakers was James Furgeson, assistant professor of dairy research at University of Pennsylvania's New Bolton research center.

Furgeson, of Honeybrook, had previously worked at Cornell University for three years and in the private sector for six. He discussed reproduction and the use of macronutrients to increase the reproductive efficiency in dairy cattle.

Also speaking was Mike O'Conner, Penn State University dairy extension specialist who discussed the latest information on the heat cycling of cows and how it relates to successful fertilization with artificial insemination, and Dr. Brian Reed, who discussed analysis of reproductive records.

Furgeson said, "When you talk about milk production, you're really talking about reproductive efficiency."

He explained that no matter how high a cow's individual lactation production is, the key to maintaining a strong year-in, year-out herd production is reliable quick turnaround on lactation.

The more days open, the less money can be made selling milk from the cow and the longer it takes for that cow to pay for herself.

He said that research has shown that the lactation curves for cows of all levels of production are the same. That means that the only way to become more efficient is to work to achieve and maintain a herd standard of 11 to 13 months turnaround on lactations with each cow.

"The first 100 days of lactation is when you are going to make half of the money on that cow that year," he said.

Dr. James Furgeson, assistant professor at University of Pennsylvania's New Bolton Center, explains the relationship of major nutrients to dairy cattle reproduction.

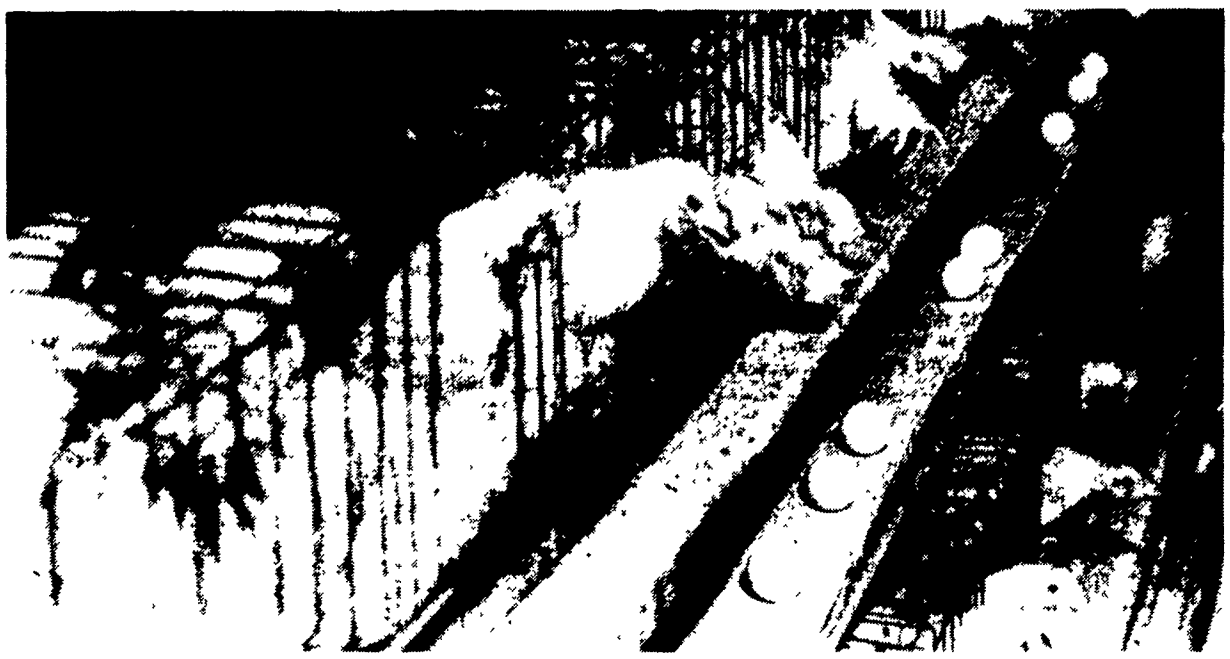
However, he said that the 11- to 13-month optimum turnover should not be a herd average, because an average allows wide variance between herd mates. He said the key is to get the majority of cows to fall within the optimum range in order to obtain the peak efficiency and the most productivity.

To achieve this, hesuggested settin a goal of getting 80 percent of the herd pregnant prior to 120 days open. This will optimize calves born for replacement and genetic gain.

(Turn to Page A27)

19 More Reasons

Why you should buy Big Dutchman from Hershey Equipment



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4. Big Dutchman's superior suspension system keeps the cages from sagging between stands. Competitive systems sag.
5. Lower maintenance costs. Talk to our customers - Then talk to theirs!
6. Better Performance! This isn't just talk. Ask your feed company to show you records from a Big Dutchman system to compare to a competitive system.
7. Big Dutchman high lip feed trough is designed to reduce spillage into the walkways. Look at a competitors walkway and measure the thickness of wasted feed.
8. Your old hoppers aren't wore out. Save money and reuse them on your new system.
9. We have our own installation crews to be sure the equipment is properly installed. Competition hires outside crews.
10. Eggs move gently from the birds, to the belts and thru the collector unit. The eggs are not like balls in a bowling alley as in some competitive systems.
11. Incredible! New left hand drive allows feed chain to travel up to 120 F.P.M.
12. Your present gearboxes and motors can be re-used to save money.
13. The Big Dutchman chain feeder gives 2½ times more feeder space than the grind auger.
14. It's a proven fact. Chain feeder systems use less electricity.
15. Big Dutchman has a stronger cage top and front than competitive cages.
16. The sliding door on a Big Dutchman system is easy to open and close and it stays closed.
17. The Big Dutchman collector is the best there is. Don't accept an imitation.
18. Our cage design allows eggs to roll front and out of the cage, not get stepped on and cracked by birds as in competitive cages.
19. Big Dutchman systems provides a bigger percentage of larger eggs for a longer period of time.

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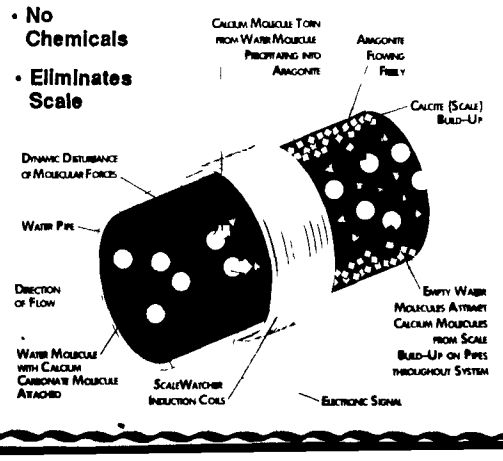
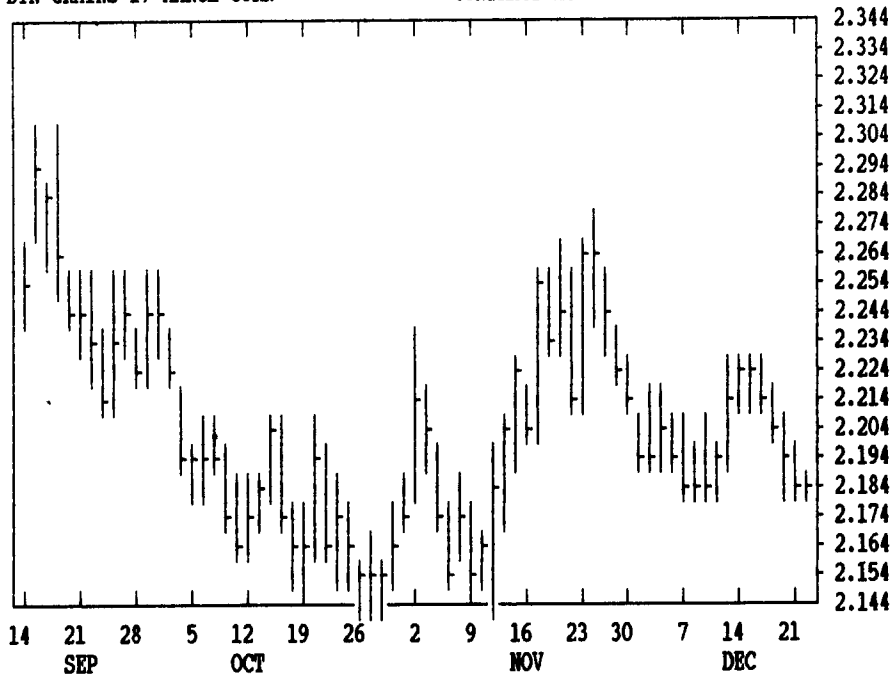

Calcium Molecule Torn from Water Molecule Precipitating into Aragonite
Aragonite Flowing Freely
Calcite (Scale) Build-Up
Dynamic Disturbance of Molecular Forces
Water Pipe
Direction of Flow
Water Molecule with Calcium Carbonate Molecule Attached
ScaleWatcher Induction Coils
Empty Water Molecules Attract Calcium Molecules from Scale Build-Up on Pipes throughout System
Electronic Signal

GRAIN, CATTLE AND HOG FUTURES MARKETS

From DTN former satellite daily update. Service phone: (717) 731-1520

(Closing bids: Tuesday, Dec. 22)

DTN GRAINS 17 MARCH CORN CONTRACT HIGH: 2.812 LOW: 2.144



DTN FUTURES 12 12/22/92 — TECHNICAL POINTS

PRICES ARE DECIMAL			MOVING AVERAGES				RSI'S			SLOW STOCHASTIC 5 DAY		20 DAY	
CONTRACT		CLOSE	4-DAY	9-DAY	18-DAY	45-DAY	9DAY	14DAY	30DAY	%K	%D	%K	%D
WHEAT	MAR	354.25	353.31	356.97	360.17	359.43	37.0	41.3	47.6	26	17	10	15
WHEAT	MAY	337.00	337.87	342.03	345.19	343.69	29.7	38.3	49.0	18	14	7	14
KCWHT	MAR	347.00	346.81	349.22	351.22	349.60	38.8	43.4	48.6	30	25	14	19
KCWHT	MAY	329.75	330.06	333.25	336.40	335.55	31.3	37.4	44.2	18	16	8	14
MNWHT	MAR	334.75	334.31	336.47	338.47	341.95	37.9	40.7	45.0	25	21	11	17
CORN	MAR	219.00	219.50	220.69	220.39	219.96	39.3	44.1	44.9	13	22	19	31
CORN	MAY	226.25	226.69	228.14	227.93	227.37	37.8	43.3	44.9	16	22	16	30
CORN	JUL	231.75	232.00	233.56	233.29	232.37	39.3	44.3	47.1	16	18	15	30
OATS	MAR	148.50	147.69	148.94	147.72	143.64	54.2	55.9	55.7	50	37	57	70
BEANS	JAN	576.75	572.56	571.78	567.12	560.39	73.6	67.5	58.0	80	58	81	78
BEANS	MAR	582.00	577.12	576.06	571.57	565.88	73.8	67.4	57.8	84	61	83	79
BEANS	MAY	588.50	582.81	581.44	576.99	571.77	74.5	67.8	57.9	88	62	83	78
MEAL	MAR	187.90	186.50	185.40	183.20	182.54	76.5	69.0	57.1	80	72	87	85
BNOIL	MAR	20.95	20.85	20.91	20.79	20.39	57.0	57.0	55.6	43	28	55	62
CATTLE	DEC	79.70	79.02	78.88	77.79	75.68	79.5	77.0	70.8	51	52	88	92
CATTLE	FEB	76.28	76.15	75.96	75.06	73.31	76.7	75.1	69.8	55	57	88	89
FCTL	JAN	86.43	86.10	85.84	85.00	83.16	79.7	76.7	69.3	73	63	91	91
HOGS	DEC	43.10	43.28	43.96	44.21	43.89	29.5	37.8	46.9	7	10	14	39
HOGS	FEB	43.78	43.43	43.61	43.50	43.35	55.0	53.9	53.8	43	32	44	48
PKBLS	FEB	38.20	38.36	38.30	38.67	40.83	40.3	40.7	44.3	42	55	25	23

CORN

	HIGH	LOW	LAST	CHG
MAR	2190	2184	2190*	0
MAY	2262	2256	2262*	0
JLY	2316	2312	2316*	0
SEP	2356	2354	2356*	0
DEC	2406	2402	2404*	0
MAR	2474	2470	2474*	0
MAY	2522	2520	2520*	
JLY				
SEP				

SOYBEANS

JAN	5774	5724	5766*	+34
MAR	5824	5776	5820*	+34
MAY	5884	5834	5884*	+40
JLY	5950	5900	5946*	+36
AUG	5966	5924	5966*	+44
SEP	5954	5912	5952*	+46
NOV	6004	5956	6002*	+50
JAN	6080	6040	6080*	+40
MAR	6140	6104	6140*	
MAY				

LIVE CATTLE

	HIGH	LOW	LAST	CHG
DEC	8000	7865	7970*	+77
FEB	7657	7587	7627*	0
APR	7600	7557	7580*	0
JUN	7250	7222	7235*	-7
AUG	7085	7065	7072*	-10
OCT	7130	7115	7115*	-12
DEC	7175	7162	7175*	+5
FEB				

SWISS FRANC

MAR	7027	6866	6871*	-155
JUN	6915	6832	6838*	-155
SEP			6820*	-155

BRITISH POUND

MAR	15466	15160	15170*	-300
JUN	15220	15056	15056*	-294
SEP	15010	14970	14970*	-290

JAPANESE YEN

MAR	8124	8071	8075*	-44
JUN	8106	8072	8076*	-44
SEP			8089*	-44

CHICAGO WHEAT

	HIGH	LOW	LAST	CHG
MAR	3546	3526	3542*	+4
MAY	3380	3362	3370*	-6
JLY	3140	3124	3130*	0
SEP	3194	3184	3186*	0
DEC	3300	3290	3290*	-2
MAR	3340	3340	3340*	

OATS

MAR	1490	1482	1484*	+2
MAY	1504	1494	1494*	0
JLY	1514	1502	1502*	0
SEP	1514	1514	1514*	0

SOYBEAN MEAL

JAN	1894	1869	1892*	+8
MAR	1880	1860	1879*	+10
MAY	1879	1863	1878*	+10
JLY	1892	1877	1890*	+7
AUG	1900	1885	1899*	+12
SEP	1908	1893	1906*	+11
OCT	1925	1906	1925*	+10
DEC	1940	1917	1937*	+12

FEEDER CATTLE

	HIGH	LOW	LAST	CHG
JAN	8655	8607	8642*	-2
MAR	8465	8410	8460*	+12
APR	8350	8300	8347*	+15
MAY	8220	8190	8220*	0
AUG	8125	8100	8100*	-20
SEP	8020	8010	8020*	-30
OCT	8010	7995	8010*	0
NOV	8000	7995	8000*	-5

EURODOLLAR

MAR	9635	9627	9633*	+2
JUN	9594	9584	9591*	+3
SEP	9552	9537	9547*	+5
DEC	9486	9471	9482*	+5
MAR	9462	9448	9460*	+7
JUN	9425	9412	9424*	+7

S&P 500 INDEX

MAR	44290	43935	44195*	+40
JUN	44340	44015	44255*	+40
SEP	44440	44130	44355*	+40
DEC			44480*	+45

K.C. WHEAT

	HIGH	LOW	LAST	CHG
MAR	3474	3454	3470*	0
MAY	3296	3280	3296*	+2
JLY	3132	3116	3130*	0
SEP	3174	3166	3170*	-4
DEC			3266*	-4

MINN WHEAT

MAR	3350	3334	3346*	+2
MAY	3344	3332	3340*	-2
JLY	3234	3226	3234*	0
SEP	3170	3170	3170*	-14
DEC			3240*	-10

SOYBEAN OIL

JAN	2083	2065	2073*	+1
MAR	2105	2088	2095*	+2
MAY	2121	2102	2113*	+8
JLY	2135	2117	2128*	+11
AUG	2138	2122	2130*	+12
SEP	2140	2128	2132*	+9
OCT	2145	2130	2133*	+10
DEC	2150	2130	2146*	+19

LIVE HOGS

	HIGH	LOW	LAST	CHG
DEC	4322	4292	4310*	-7
FEB	4380	4340	4377*	+37
APR	4237	4192	4230*	+37
JUN	4690	4625	4685*	+50
JLY	4660	4587	4655*	+62
AUG	4525	4472	4525*	+52
OCT	4125	4100	4125*	+22
DEC	4240	4225	4240*	-5

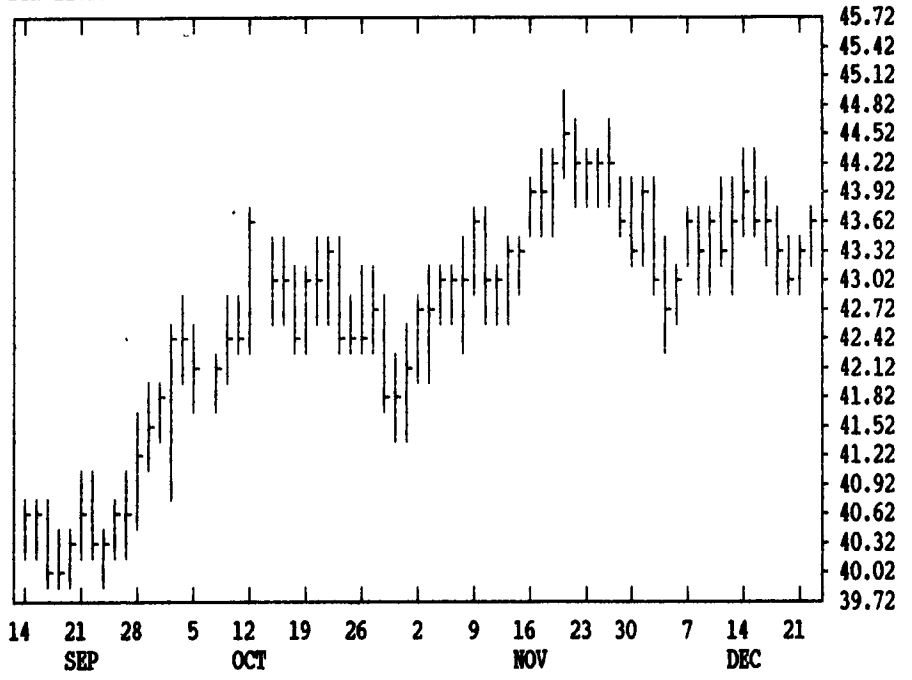
PORK BELLIES

FEB	3850	3815	3820*	-5
MAR	3860	3825	3835*	-15
MAY	3970	3942	3955*	+5
JLY	4025	4000	4005*	0
AUG	3850	3830	3830*	0
FEB				

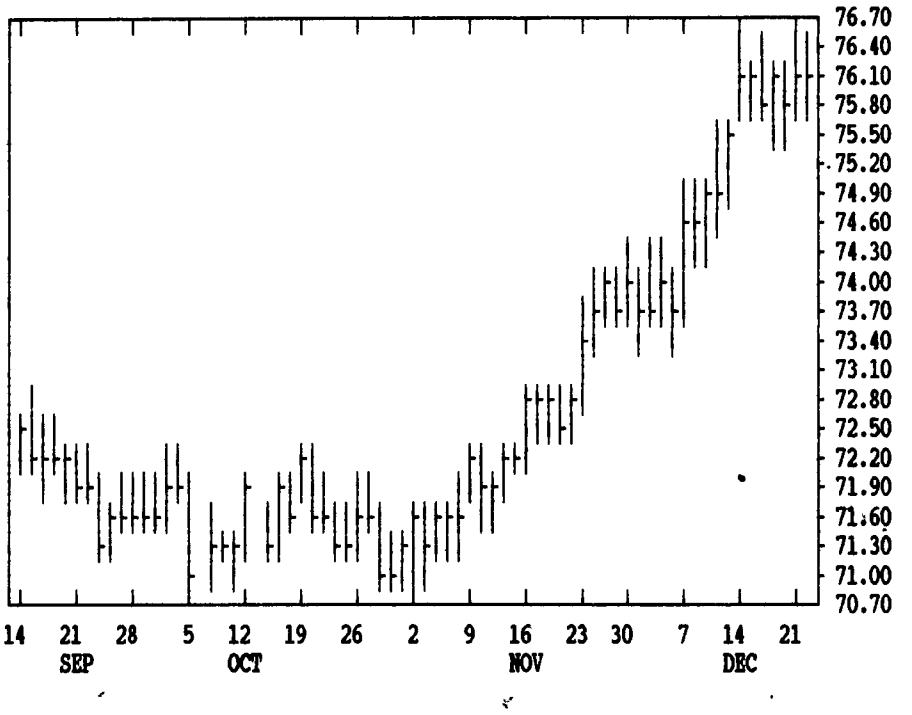
GERMAN MARK

MAR	6297	6206	6213*	-84
JUN	6175	6140	6147*	-83
SEP	6130	6102	6102*	-83
DEC	6100	6068	6068*	-83

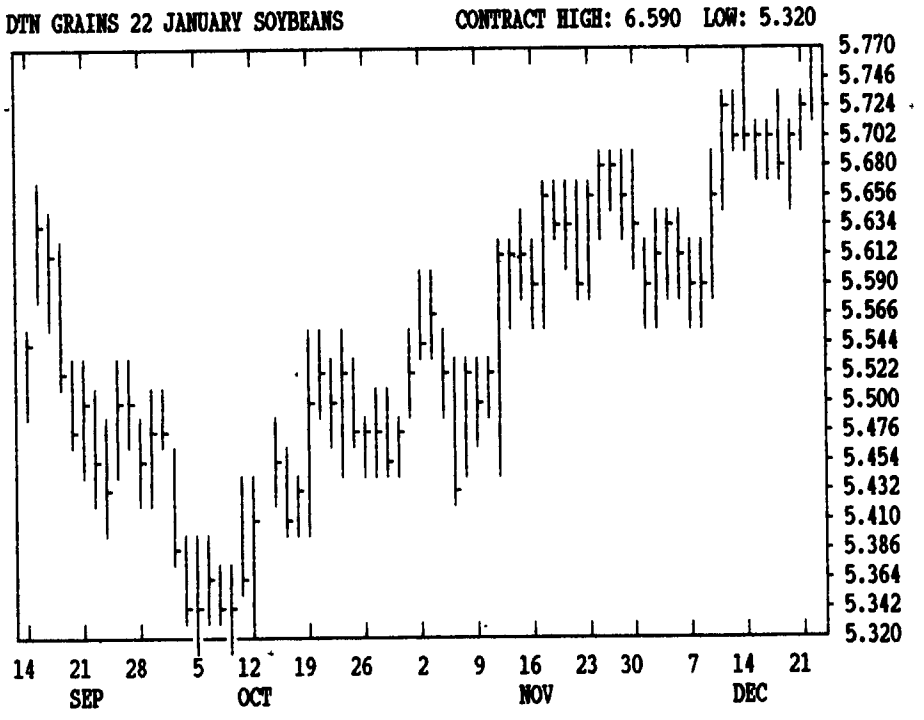
DTN LIVESTOCK 17 FEB LIVE HOGS CONTRACT HIGH: 45.95 LOW: 40.02



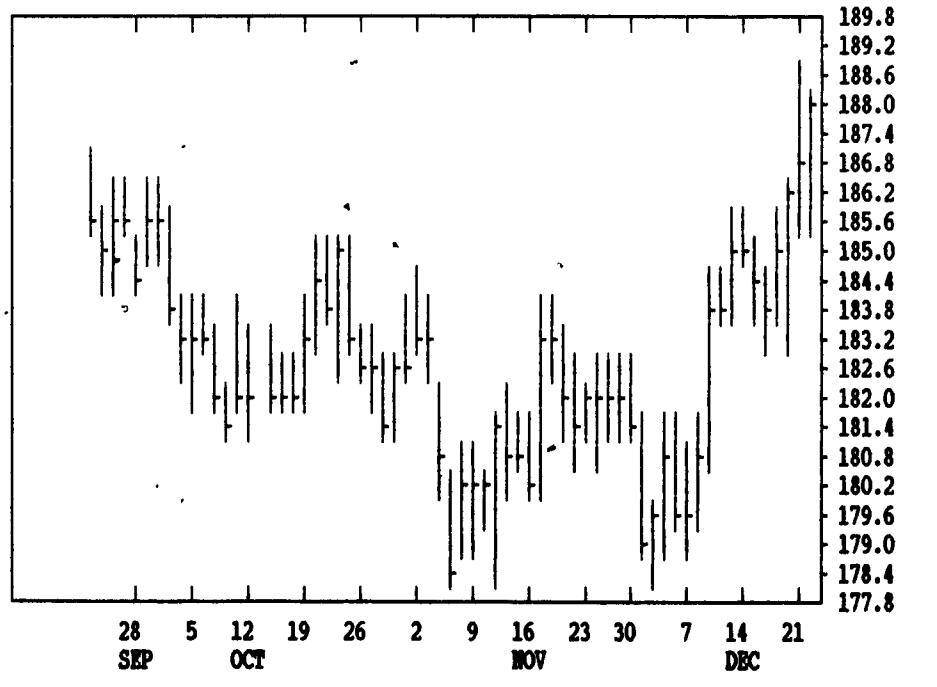
DTN LIVESTOCK 18 FEB LIVE CATTLE CONTRACT HIGH: 76.57 LOW: 68.10



DTN GRAINS 22 JANUARY SOYBEANS CONTRACT HIGH: 6.590 LOW: 5.320



DTN GRAINS 23 MARCH SOYMEAL CONTRACT HIGH: 210.0 LOW: 178.4



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THE IMPORTANCE OF VITAMIN D

Carol V. Gay
Professor of Molecular Cell Biology And Poultry Science

The history of vitamin D goes back a long way. Rickets, a result of vitamin D deficiency, was described in 1645.

However, it wasn't until the 1920s that cures for rickets, a dose of cod liver oil or sunlight, provided clues for the biochemical sleuthing that led to the purification of vitamin D.

The roles of vitamin D in tissues are now fairly well known. These are similar in both mammals and non-laying birds. Vitamin D, once ingested or converted in the skin from a precursor, is modified in the liver by one simple reaction to a new form, now called 25-hydroxy vitamin D. After this, the kidney adds on another hydroxyl group to form 1,25-(dihydroxy) vitamin D.

This latter compound is the active form of the vitamin and it has several precise roles. In the intestine, 1,25-vitamin D stimulates the production of a protein in intestinal cells. This special protein binds calcium in digested food and moves the calcium across the intestinal wall into the bloodstream. Without vitamin D, very little calcium can enter the body — thus rickets and other problems with mineralization occur.

Vitamin D acts on bone cells to enhance both bone resorption and formation. The resulting bone remodeling allows for maintenance of strong bones while providing calcium for body functions.

It's much like using and maintaining a bank account. In the kidney, 1,25-vitamin D is linked with retention of calcium. Overall, vitamin D assists the body in acquiring calcium (intestinal effect), storing calcium (bone effect), and retaining calcium (kidney effect).

Above and beyond these effects, many types of cells are being found to bind vitamin D, including cells in bone marrow. The possibility that 1,25-vitamin D may be useful in treating certain leukemias has stirred some excitement.

One might wonder why the body goes to the trouble of using two steps at two different sites (liver and kidney) to make the final form of the vitamin, 1,25-vitamin D. Apparently, the reason is that 25-hydroxy vitamin D is a storage form of the vitamin. Small amounts of this are converted to 1,25-vitamin D in a way that is very tightly controlled. This allows the body to retain a supply of this fat-soluble vitamin for many days and avoids the need for daily ingestion.

Laying birds have an especially high demand for calcium, obviously, since each eggshell contains about 2 grams (the weight of a dime) of calcium. A dietary deficiency of vitamin D in egg-laying hens results in osteomalacia (the adult form of rickets), dwindling egg production, and a deterioration in eggshell quality.

In birds in the wild, vitamin D is obtained by preening — the process of spreading oil from the preen gland at the base of the tail onto feathers so that the precursor of vitamin D is exposed to sunlight. In the commercial setting, vitamin D is added to feed.

It is interesting that laying hens are capable of producing substantially more 1,25-vitamin D than non-laying birds (or mammals). The most important consequence of this is that calcium absorption by the intestine is boosted by more than twofold when an eggshell is being formed. A few hours later, when the egg has been laid, amounts of 1,25-D return to lower levels.

The discovery of 1,25-vitamin D has led to new possibilities in treating diseases of calcium metabolism, such as osteoporosis in humans, milk fever in dairy cows, and eggshell breakage in poultry.

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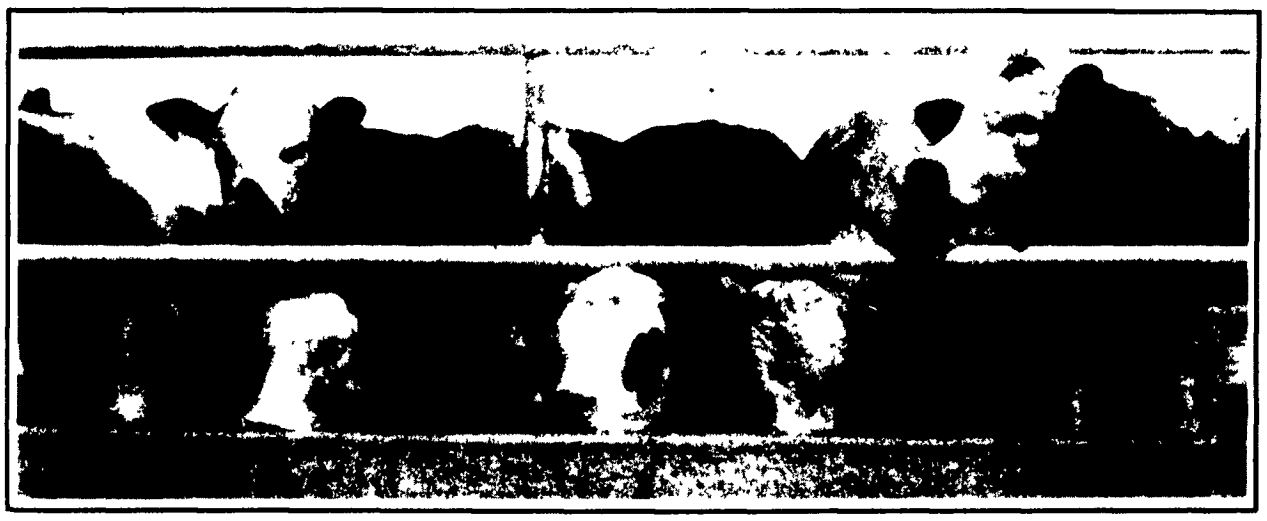

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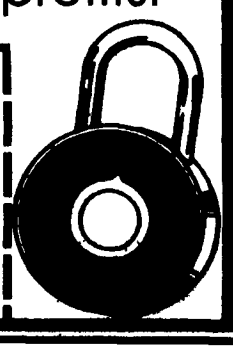

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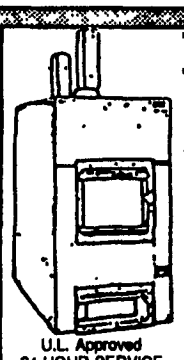

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Adams Herd Improvement Association Meets

THOMAS PIPER
Adams Co. Extension

GETTYSBURG (Adams Co.) — Santa Claus made an appearance at the 64th annual meeting of the Adams County Dairy Herd Improvement Association.

While this was an unplanned visit, it may be a good omen for Pennsylvania DHIA which has completed a turbulent year but moves with confidence into 1993.

Santa's visit came about when the DHIA meeting was postponed on Thursday, Dec. 10, and was changed to Monday, Dec. 14, at the firehall in Harney, Md. Santa showed up for the Leon's Club Christmas Party which was held in the firehall that same evening.

Board President Jeffrey King presided at the meeting and explained that the board has limited responsibility under the new centralized organization. He introduced guests and sponsors, and called upon Marcia Brown, secretary-treasurer, for current reports.

In the election of directors, encumbents Jeff King, Alan Zepp and Samuel Stoner were all retained on the board.

Speaking for DHIA technicians, Deb Messinger and James Gilbert, Don Messinger expressed gratitude for member cooperation and support.

Lane Sollenberger, dairyman from Fayetteville, Franklin County, and Central District director for Pennsylvania DHIA, spoke about the management of Pennsylvania DHIA and said he has confidence that Pennsylvania's program can compete favorably with anyone, anywhere.

Sollenberger distributed a booklet explaining package services available to members and said that through a process of "unbuilding," members are free to choose only those reports which will best serve the needs of the farm. He spoke of the Individual Cow Page and promised a new manual "On How to Make PA DHIA Work for You."

Regional Manager Harry Fritz distributed bonus checks to the technicians and demonstrated the use of the laptop computers which technicians are beginning to use for transfer of barn records to the central records processing center.

County Agent Thomas E. Piper congratulated the members on attaining a new county production record, announced coming educational opportunities, and presented highlights of the record summary. With 3,518 cows on test in 41 herds, production averaged 18,107 pounds of milk, 695 pounds of butterfat and 576 pounds of protein.

Director Robert Clowney, on behalf of the board and the sponsors presented the following plaque awards:

- 1st High Herd - 715 lbs. Protein; 23,153 lbs. Milk - Jo Jen Hess, Gettysburg
- 2nd High Herd - 702 lbs. Protein; 22,265 lbs. Milk - Leroy Deputy, East Berlin
- 3rd High Herd - 687 lbs. Protein; 21,002 lbs. Milk - Ray Dutterer, Littlestown
- High Cow-Milk - "Amanda", 31,545 lbs. - JoBo Holstein Farm, Gettysburg
- High Cow-Butterfat - "46", 1,254 lbs. - Stoner Dairy, East Berlin
- High Cow-Protein - "194", 974 lbs. - Ray Dutterer, Littlestown
- High Lifetime-Milk - "Flashie", 238,436 lbs. - Penn Gate Farm, Littlestown
- Lowest Average Somatic Cell Count (Tie) - 120,000, Robert C. Hoffman, York Springs
- Lowest Average Somatic Cell County (Tie) - 120,000, Mark Gieron, New Oxford
- First Place Herd Management Award - Jo Jen Hess, Gettysburg
- Second Place (Tie) Herd Management Award - Rhodes Enterprise, New Oxford
- Second Place (Tie) Herd Management Award - Robert C. Hoffman, York Springs

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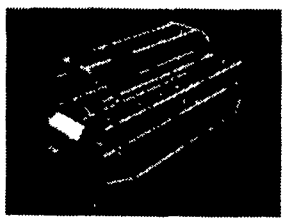

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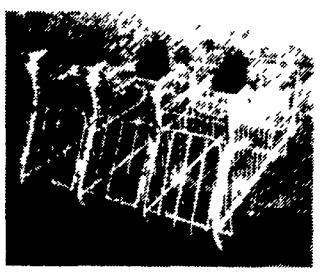

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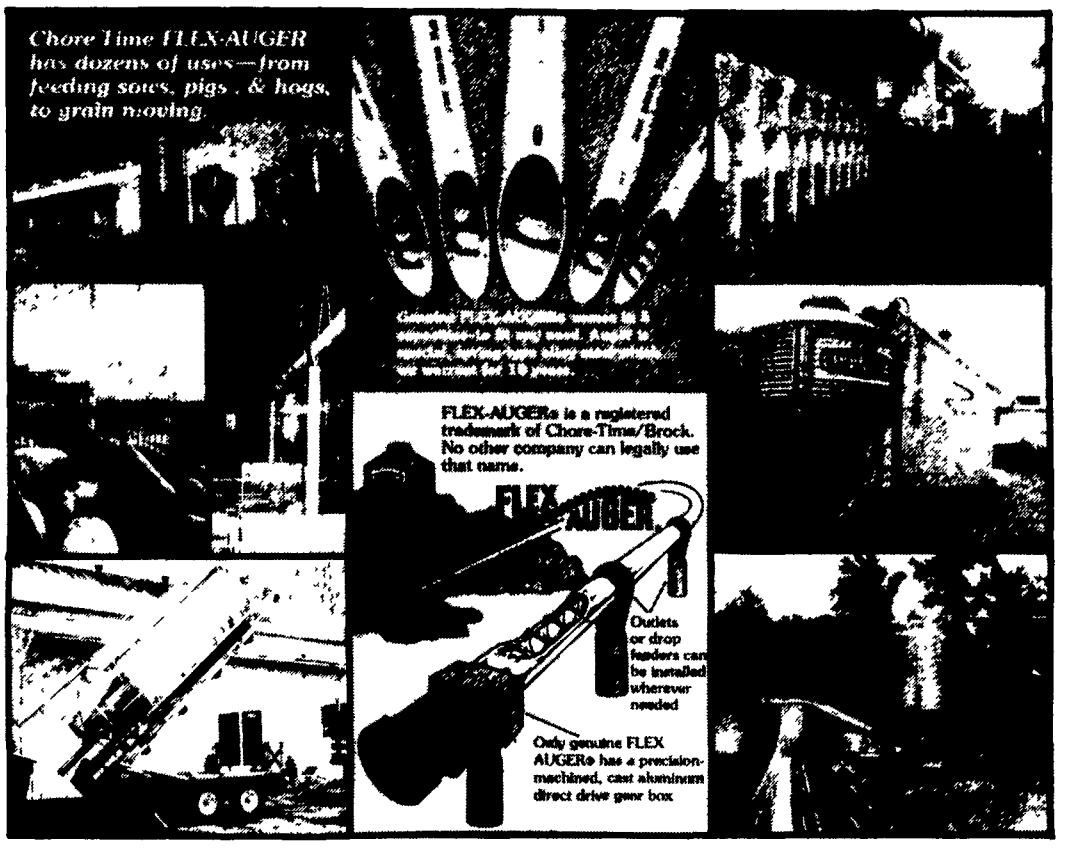
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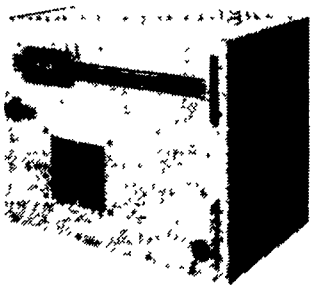

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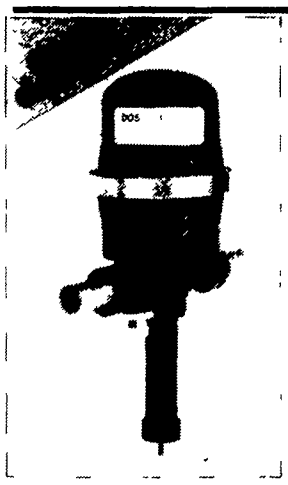

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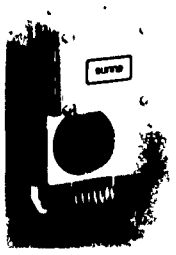

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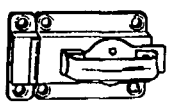

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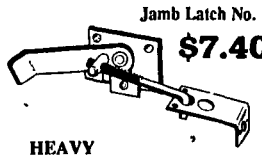

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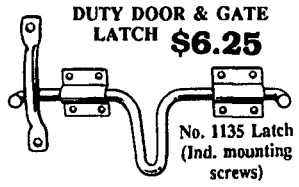

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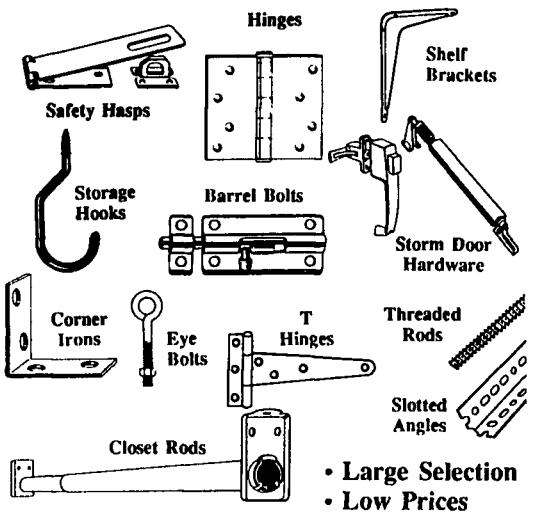

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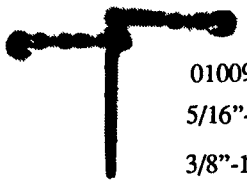

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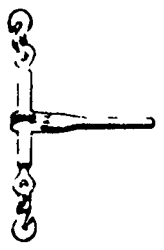

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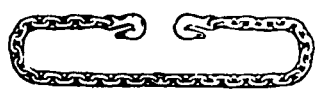

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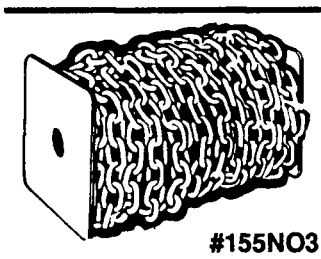

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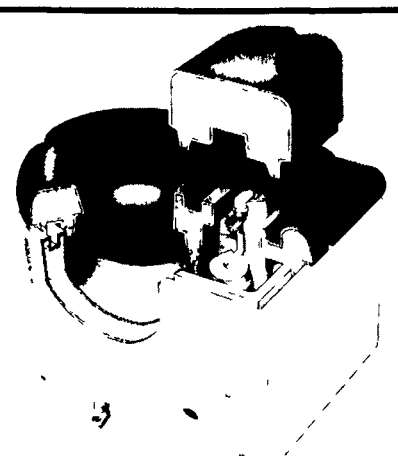

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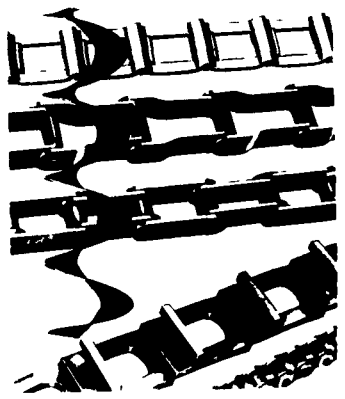

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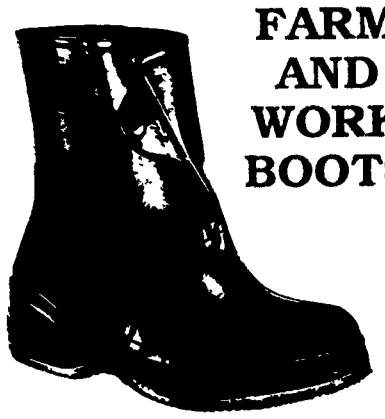

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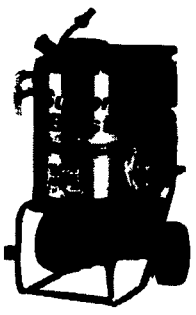
$2,258.00



1500 PSI, 3 HP, Electric, 190°
P2350 **$2,466.00**

2000 PSI, 4 HP, Electric, 210°
P2415 **$2957.00**

2300 PSI, 6 HP Electric, 210°
P2440 **$3,279.00**

10% OFF REGULAR LOW PRICES!

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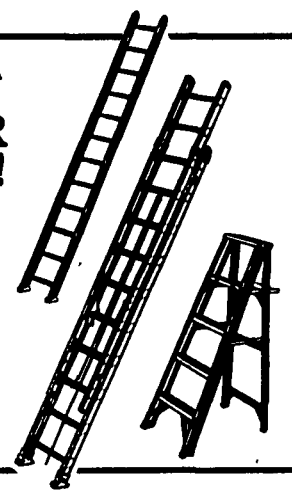
10% OFF FOR OUR YEAR-END SALE!



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12" BENCH DRILL PRESS
Includes FREE 25-Piece Sanding Drum Kit
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POWER RETURN TAPE

$8.99

Better ergonomic design. Blade lock on top. Virtually unbreakable new end hook. 2125

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Spraying Systems Co.

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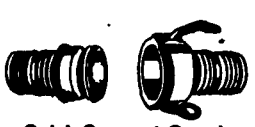

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Centrifugal Pumps

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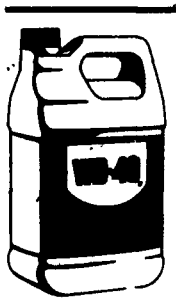
LA025 - 2"x27' - 10,000 Lb. - **$25.95**
LA024 - 2"x18' - 10,000 Lb. - **$24.95**

WD-40



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With FREE Sprayer

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wn Every Item On This Page

CHRIS A EVE, DEC. 24, AND
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S DA AND NEW YEAR'S DAY

OLD
ATER WASHERS
10 1,000 PSI 1½ HP Electric
$519.00
14, 1400 PSI, 2½ HP Electric
$636.00
0-15, 1500 PSI, 3 HP Electric
$675.00
0-15, 1500 PSI, 5 HP, Briggs
$714.00
35-17, 1700 PSI 5 HP Kohler Command
$896.00

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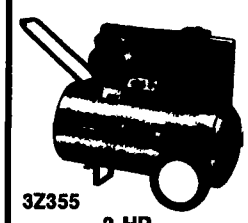
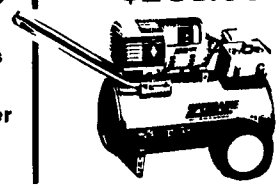


3Z355
2 HP,
20 Gal. Tank With Air Hose
SALE $388.00

52032
7½ Gal. Tank
1 HP, $244.00



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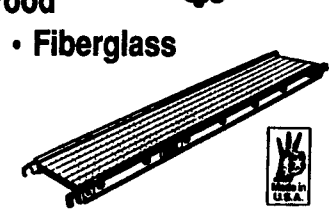
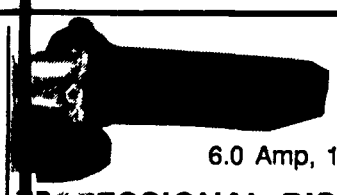
LADDERS - • Wood
• Aluminum • Fiberglass



• ALUMINUM
GES &
NKS



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ROFESSIONAL DISC GRINDER
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$73.95

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4 IN 1
SCREW-
DRIVER

2180
$3.99

9

DRYDENE

HEAVY DUTY LUBES

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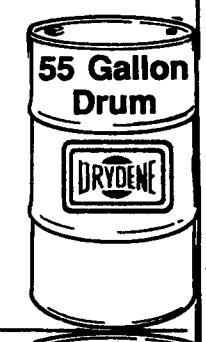
CASH & CARRY
WHILE SUPPLY LASTS -
NO RAINCHECKS

55 Gallon Drum

SUPREME HXD #30 OIL
$230.00
Less 10% Sale

1540 DIESEALL OIL
$240.00
Less 10% Sale



55 Gallon Drum

55 Gallon Drum

BLUE HYDRAULIC PLUS OIL
$200.00
Less 10% Sale

UNIVERSAL TRACTOR HYDROSTATIC FLUID
$244.00
Less 10% Sale

55 Gallon Drum

5 Gallon Pail Special

SUPREME HXD #30 OIL
$26.50
Less 10% Sale

1540 DIESELALL OIL
$28.33
Less 10% Sale

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Less 10% Sale

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HEAVY DUTY LITHIUM E.P.
All Purpose Grease
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High Temperature (500° F) For Disc Brakes, Wheel Bearings, Chassis. All Purpose Grease
Case of 10
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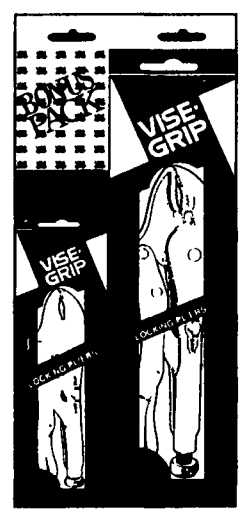
Two Great Tools



614™ VISE GRIP GIFT SET®
5WR®-5"
And
10WR®-10"
$13.99

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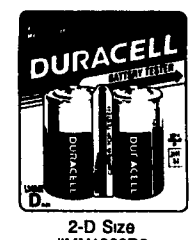
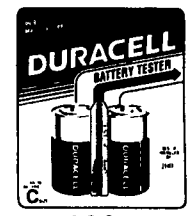
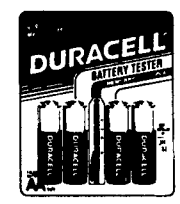


2-D Size
#MN1300B2
$2.19



2-C Size
#MNH1400B2
$2.19



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• 222455 24"
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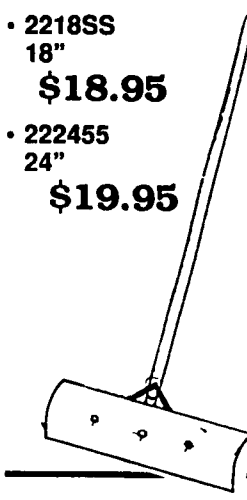
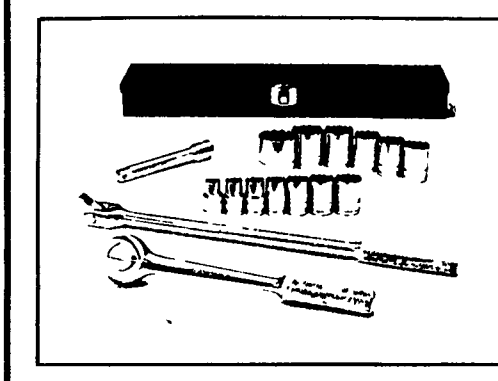


SK HAND TOOLS

SOCKET SET



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SK4116 $69.95

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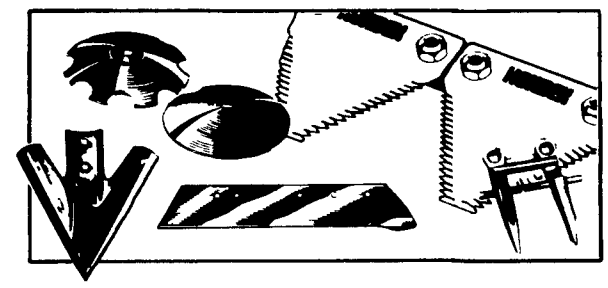

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SALE
$139.95

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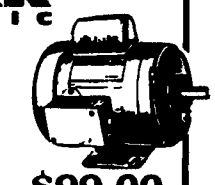

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24" - No. 7424 -
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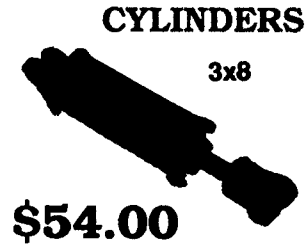
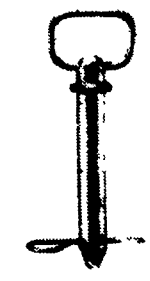


$54.00

HITCH PINS



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ALUMINUM SNOW SHOVEL

• Blue TFE finish sheds snow
• 15"x18" aluminum alloy blade, reinforced edges
• 34½" tubular steel handle

A16388
$19.95

Kreager Farm

(Continued from Page A1)

The tree and its fruit inspired poetry and song.

It was a time when fortunes were made and families prospered out of peasantry. Wildlife and people were fed by chestnut trees which dominated the Pennsylvania deciduous forest.

The adult chestnut, which only a few living people have seen, was one of the many waiting-to-be-taken resources which drove this country's early world trade economy.

But the chestnut tree, and the people and wildlife who used and depended on it, changed with it.

The accepted doctrine is that the cause of the demise of the American chestnut was unregulated importation: the introduction of the blight-resistant, but disease-carrying Chinese chestnut tree.

Others maintain that greed, ignorance and arrogance are the real culprits: a few people, without education or concern as to what they put at risk, destroyed a great, irreplaceable renewable resource.

Very old roots and controlled environments are the only way to keep it around today.

If the American chestnut, suriving in research facilities and in little patches in older undisturbed forests, could become resistant to the blight disease like the slowly growing, commercially limited Chinese chestnut, the economic implications for Pennsylvania and other areas environmentally suited for the American chestnut could be tremendous in the later part of the century.

Kreager said he knows this is true.

Again, he stared at the short, but straight chestnut tree. He said he gives the tree about two years.

The analogy to the chestnut is that the family farm today survives because of the strength of its root stock.

Very few people or institutions would loan a young couple money to purchase land to start farming from scratch. And there is little chance for youth coming from small farms to start other small farms.

The youth must rely on the strength of older farms.

Kreager lives on his 225-acre farm with his wife and two grown children, son Robert and daughter Arlene. Another daughter, Linda, is married to Richard Clauser.

And while the Kreager farm, the family, the buildings and surroundings are perhaps as symbolic of a disappearing era as is the chestnut tree, in Schuylkill County the Kreager farm is appreciated.

In Schuylkill County, the Kreager farm is a diamond.

The farm has been in the Kreager family since 1846, which qualifies it for the state century farm program.

However, the Kreager farm was among a number of farms in Schuylkill County recognized in the first year of the county's Diamond Farm program. To be eligible, a farm must have been held by members of the same family for 75 or more consecutive years.

The Kreager family's connection to the farm started with Charles Reber, in 1846, who operated it as a survival farm, with excess going to market.

The first Reber in America settled in the Windsor Castle area of Berks County and one of his sons, John Reber, had been in the Revolutionary War and came over the Blue Mountains.

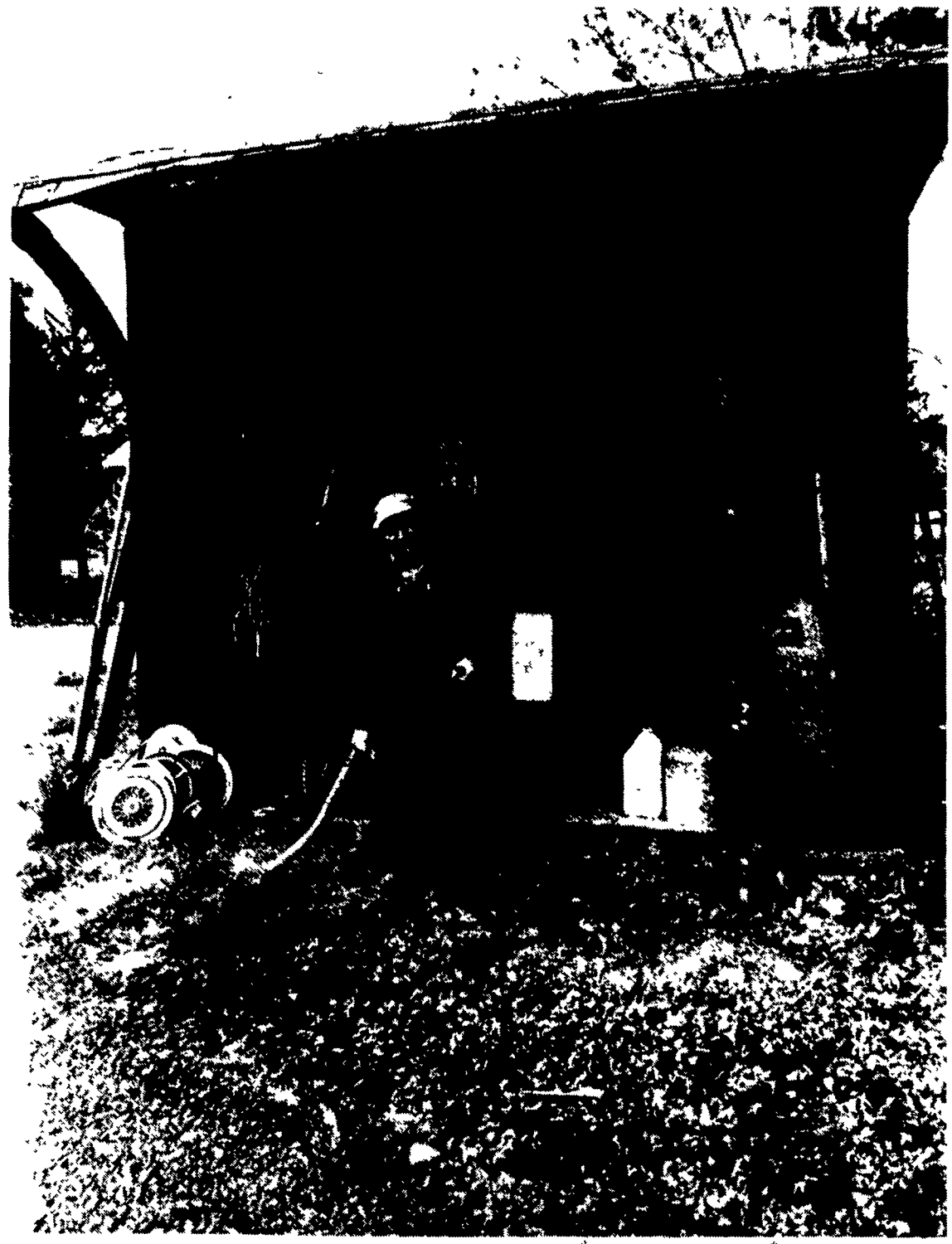
His grandson was Charles who was the first Reber at the farm. He is buried at Summner Hill Cemetery, about 2½ miles from the farm.

Then there was Grover Nevin Reber, Ken's grandfather, and Charles's son, who started a farm produce route which took him into Sinclair and into outlying coal "patches."

Kreager's grandfather had a step brother, and in his last years, the step brother told Kreager that he remembered the chestnut trees. He did the bulk of clearing the land and there were a lot of stumps to be removed, Ken said.

Ken said that what he remem-

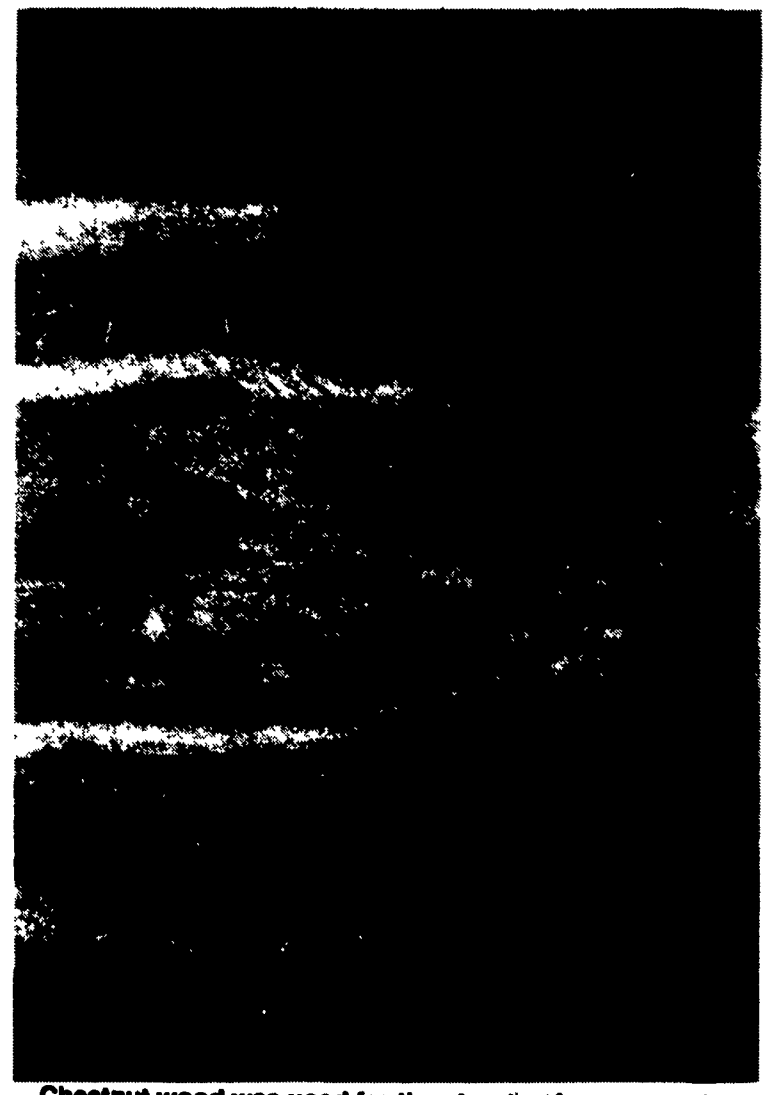
(Turn to Page A23)



Ken Kreager, holding a scythe he still uses to cut weeds, stands in front of an old railroad depot building from the long defunct Susquehanna to Schuylkill Railroad that his grandfather bought and had moved to the farm for a storage shed.

The Kreager dairy herd is let out back to pasture. The rolling foothills lead to mountain forest.

Ariene Kreager drives tractor past a storage building to take a load of manure to spread on a field.



Chestnut wood was used for the structural components of the original Kreager barn.

Kreager Farm

(Continued from Page A22)

bers is vast stands of thick chestnut saplings growing out of stumps.

Kreager was raised on the farm by his grandparents. "Three years after (Grover) passed away, we bought it from my grandmother," Ken said. That was in 1962.

Ken said he and his grandparents started shipping milk from a few cows in 1942.

In 1972, the Kreagers purchased the neighboring farm and 27 acres from another adjoining property.

"When we (Ken and Beatrice) started on our own, we knew we had to remodel the old barn or build new and mom (Beatrice) said, 'Don't build so big,'" Ken said.

At the time, Ken was doing a lot of other work away from the farm and Beatrice milked cows. The stalls went from 10 to 24, and Beatrice used bucket milkers.

For a time they also used a milk

(Turn to Page A39)

This is the American chestnut tree as it exists — a sapling growing from an old root. The visible plant will probably die within a couple years, but not before it recharges the old root with new energy.

Beatrice Kreager stands in the feed bunk to release a cow for pasture. Ken is silouetted in the backround, having come in from doing some other chore.

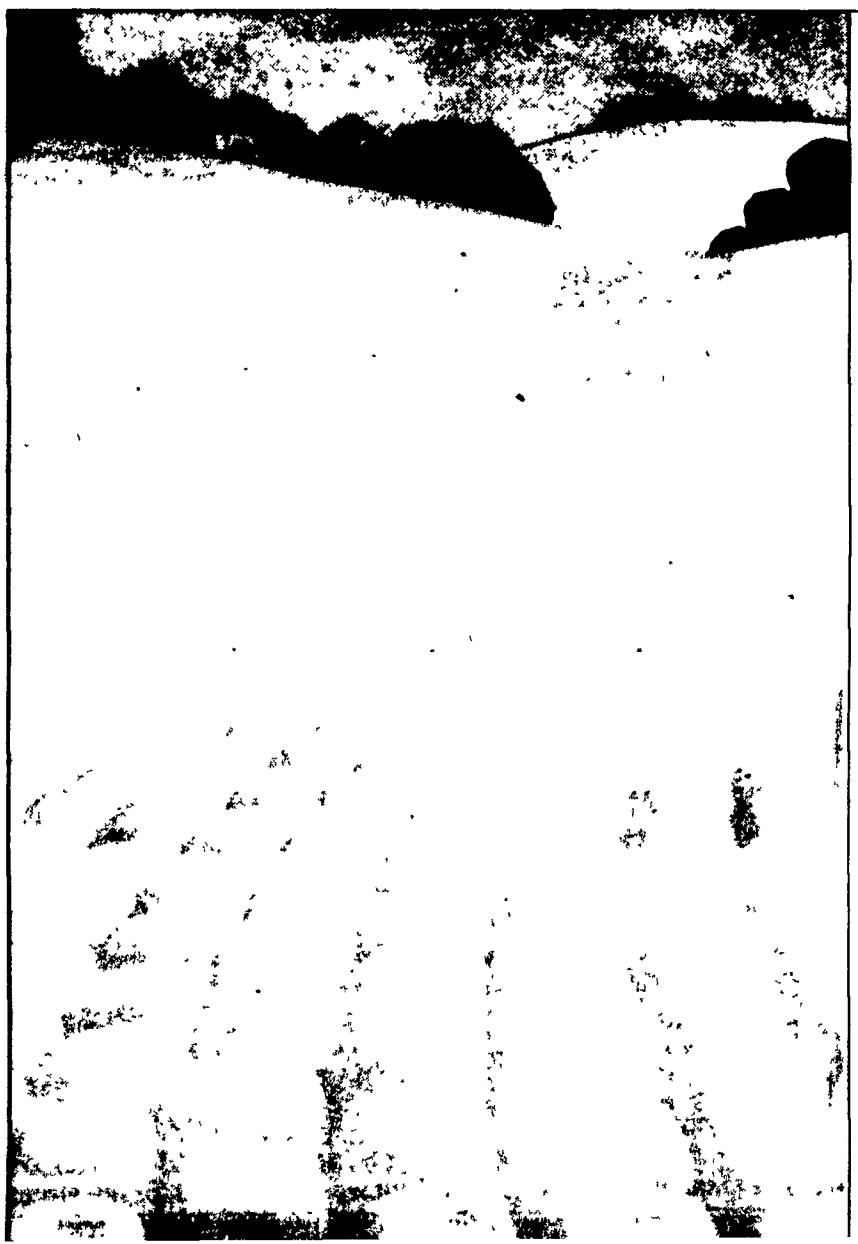
Governor's School Planned

UNIVERSITY PARK (Centre Co.) — Planning is well under way for the seventh Governor's School for the Agricultural Sciences to be held at the University Park campus of Penn State from July 4 through August 7.

Once again, 64 of Pennsylvania's best and brightest high school students will have the opportunity to explore the many different disciplines that are part of agriculture.

Full scholarships will be awarded to all selected high school sophomores and juniors who have demonstrated exceptional ability in the sciences and who have a high interest in the life sciences, agricultural issues, and natural resource management.

All applications must be received by the Pennsylvania Department of Education by February 24. Applications are available only in high school guidance offices.



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Pennsylvania Dairy Herd Improvement Association

FOCUS

Pennsylvania DHIA news is presented in FOCUS each week in cooperation with Dixie L. Barvie, manager of membership development.

For more information about these news items or the services of DHIA call 1-800-DHI-TEST. The call is free.

Distrtict Meetings Set

The district meetings for local DHIA directors are planned for January and February. There are five meetings scheduled around the state, corresponding to the five director districts. These meetings are held every year primarily for directors of local DHIA committees/boards.

It is an opportunity for directors and management to get together for discussion of issues and developments affecting DHIA members statewide. Election of directors to the state board is also done at the meetings.

Anyone interested in attending the meeting in their district may contact their county committee or local board.

The meetings will begin at 9:30 a.m. and end at 3 p.m. on the dates and places shown.

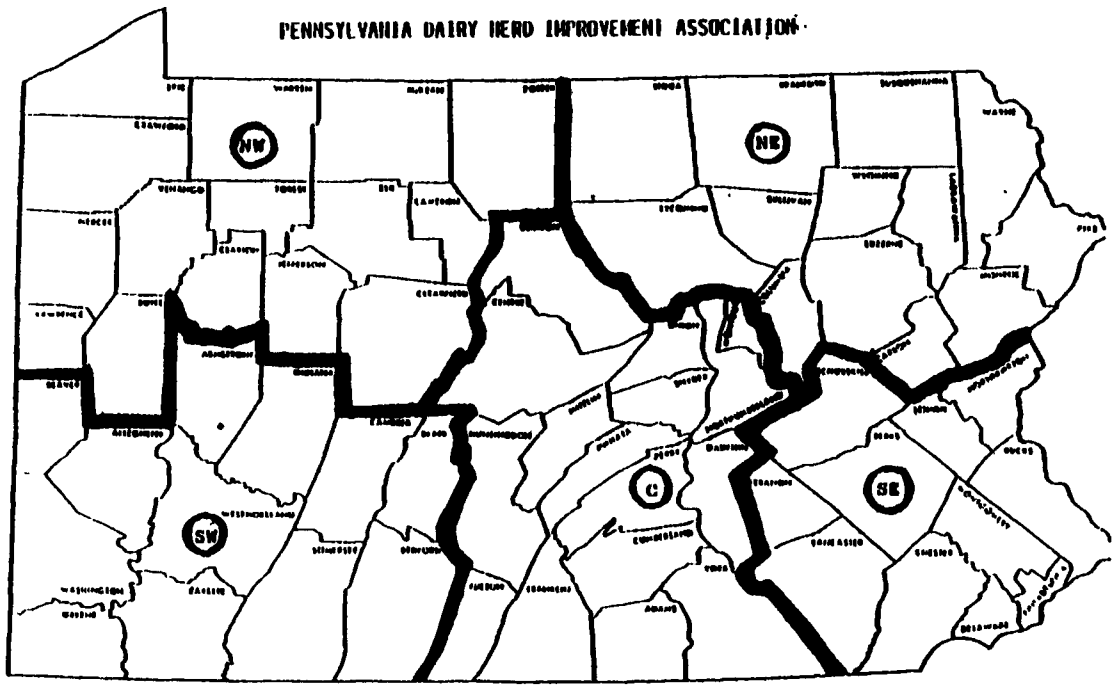
Central — Jan. 28, Family House Restaurant, Mifflintown.

Southeast — Feb. 11, Berks Agriculture Center.

Southwest — Feb. 12, Ramada Inn, Somerset.

Northeast — Feb. 12, Towanda Elks, Towanda.

Northwest — Feb. 13, Venango County 4-H Center, Franklin.



ARIS, A Tool You Can Use

ARIS, the Agricultural Records Information Service, is a computer access system provided by the Pennsylvania Dairy Herd Improvement Association.

This service is available to dairymen, veterinarians, feed consultants and other agribusiness consultants who have been authorized to have access to DHIA records via personal computer. These records are stored in a mainframe computer at the DHIA Service Center at University Park.

ARIS is an on-line system, which means users must dial through a modem and connect to the mainframe computer to access their records, which can be done immediately after your herd processes.

This allows you to download the data to your personal computer. You can generate your own custom reports and inquiries to get the analysis best suited to your needs.

A designated toll-free number, and also a help line, is available for free telephone consultation with PA DHIA's trained DRPC professionals.

The date is stored in a raw form which allows you to manipulate it to produce reports of your own. This data can be downloaded to be used in a spreadsheet to create graphs, etc.

To access the ARIS system, you must have a computer, modem and a useable phone line (a party line is usually unacceptable).

The computer must be IBM compatible with at least 256 K memory.

The modem must be Hayes or Hayes compatible, with 1200 or 2400 baud rates. Because the difference in price is slight and the line speed is twice as fast, 2400 baud is recommended. A hard disk is not necessary but is also recommended.

If you are interested in a workshop to learn more about ARIS, or as a user would like to receive more training, you may want to call Pat at DHIA 1-800-344-8378 or your county extension office to get a workshop scheduled.

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BFT726716	6.6	7'	16.85	$1,013	$ 759	$254
BFT736716	8.6	7'	19.52	$1,118	$ 839	$279
BFT746716	10.6	7'	22.19	$1,221	$ 899	$322
BFT756716	12.7	7'	24.85	$1,429	$1,069	$360
BFT936016	14.3	9'	20.10	$1,453	$1,089	$364
BFT946016	17.7	9'	22.77	$1,647	$1,229	$418
BFT956016	21.1	9'	25.43	$1,857	$1,389	$468
BFT966016	24.4	9'	28.10	$2,144	$1,599	$545

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12-26

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The AGCO Allis 6600 Series row crop tractors are engineered to put you comfortably in control. In addition to a comfortable cab or a platform and ROPS, you get low maintenance, low operating costs and a 4-year/4,000-hour warranty.

- **Trouble-free, air- and oil-cooled engine.** The 6600 Series tractors are equipped with low-maintenance, 4-cylinder, air- and oil-cooled diesel engines. The 6670 provides 63 PTO hp and the 6680 73 PTO hp, both with 22% torque rise. The 6690 has a turbocharged 81 PTO hp engine that delivers a 28% torque rise, as well as the best fuel economy in its class.
- **Many speed choices.** The synchropower transmission with a separate synchro-reverser offers 12 forward and 12 reverse speeds, planetary final drive and a self-adjusting, hydraulically-actuated clutch. An optional creeper transmission provides 16 forward and 16 reverse speeds; a dual speed option has 24 forward and 12 reverse and a power Hi-Lo transmission provides 30 forward and 30 reverse speeds. All tractor models are available as either 2WD or AWD.
- **PTO power and versatility.** The independent PTO operates at 540/1,000 rpm with 6- and 21-spline shafts and has a hydraulically-actuated wet PTO clutch. The Category II/I 3-point hitch has a convenient rear remote control and is equipped with telescopic stabilizers. Optional telescopic lower links are also available.
- **Quality performance and comfort.** The 6600 Series tractors ride on premium Goodyear® radial tires. They have hydrostatic power steering, a tilt-telescopic steering wheel, hydraulically-actuated wet disc brakes and a mechanically-actuated differential lock. AWD models have four-wheel brakes for 40% better braking and an operator controlled front differential lock for tighter turns. All operated from the comfort of the enclosed cab.

To experience the user-friendliness of the 6600 Series tractors, or any of the "orange" line of AGCO Allis tractors ranging from 40 to 128 PTO hp, stop by or call us soon.

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Atlantic Dairy Elects Officers, Directors

(Continued from Page A1)

been a director of Atlantic since 1974. He and his family operate a 870-acre farm in Berks County. They milk 375 Holstein cows and farm an additional 450 acres.

Also re-elected as officers were: Dr. Paul E. Hand of Warminster, secretary and general manager; Robert M. Dever of Philadelphia, assistant secretary and assistant general manager; and Evan L. Fineman of Newtown, treasurer.

In addition to the officers, the following directors were re-elected during their fall district meetings: Robert B. McSparran of Peach Bottom, District 3; Rhelda E. Royer of Lancaster, District 7; Charles E. Schilling of Petersburg, District 13; L. Elmer Vickers of Kearneysville, W. Va., District 17; and David N. Noss of Port Royal, District 18.

New Directors

New to the board are H. Wallace Cook Jr. of Newark, Del., and Thomas W. Powel of Union Bridge, Md. Cook is the new District 4 director, replacing William N. Hopkins of Lewes, Del., who retired from the board. Powel is the new District 10 director, replacing C. Rodman Myers of Thurmont, Md., who also retired from the board.

H. Wallace Cook Jr. farms in partnership with his two sons, Herman W. Cook III and Stephen E. Cook. They farm a total of 986 acres and milk 125 Holstein cows.

Cook earned a bachelor's degree in animal science from the University of Delaware in 1956. He is vice chairman of the Delaware Farm Credit ACA and is a member of the New Castle County Agricultural Stabilization and Conservation Service board. He also is a member of the Delaware Farm Bureau, the Holstein Association, DHIA, Delaware Forestry Council and the Delaware State Fair board. He is a retired major of the Delaware National Guard.

In 1967, Cook was named Delaware's Outstanding Young Farmer. He also participated in Atlantic Dairy Cooperative's first Young Cooperator program, which was held that same year.

Cook and his wife, Martha, are the parents of four grown children. In addition to sons Herman W. and Stephen E. are daughters Elizabeth A. Morris and Linda C. Somers.

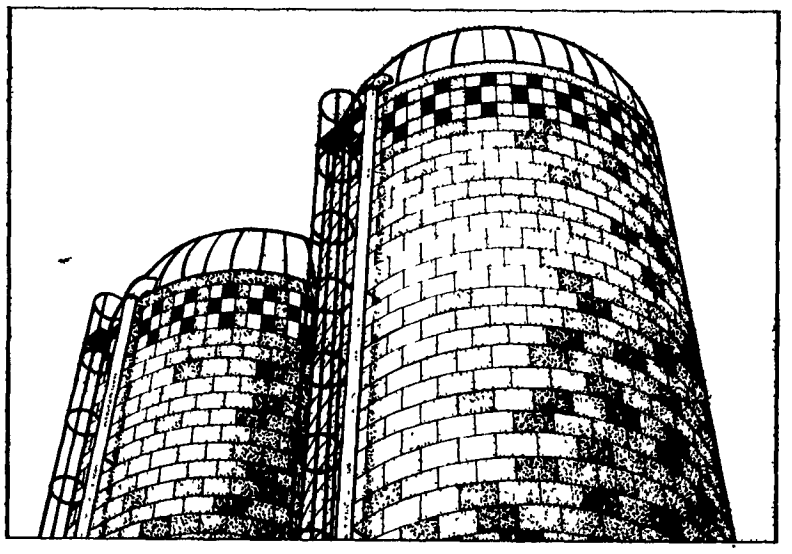
Thomas W. Powel farms with his sister and brother-in-law, Anne and Cam Davis, in a family corporation called Unicorn Associates Inc. They farm 588 acres and milk 150 Holsteins.

Powel graduated from Virginia Polytechnic Institute and State University in 1984 with a bachelor's degree in dairy science, minoring in agriculture economics. He earned a master's degree in animal genetics in 1987 from North Carolina State University.

He is vice president of his local DHIA board and is chairman of the local Sire Power board and also serves on the state Sire Power board. He is a member of the Southern States-Taneytown Cooperative board of directors.

Powel and his wife, Kristin, have two sons, Benjamin, 3, and Matthew, 1.

Atlantic Dairy Cooperative represents more than 3,500 dairy farm families throughout Pennsylvania, New York, New Jersey, Delaware, Maryland, Virginia and West Virginia.



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If you want big tonnage of high TDN silage, these proven DEKALB silage hybrids will fill your needs, and then some.

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We will be closed
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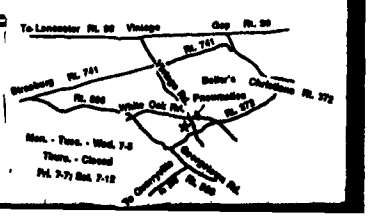

Pa. Ag Exports Increase

HARRISBURG (Dauphin Co.) — Pennsylvania Agriculture Secretary Boyd E. Wolff told farm leaders recently that exports of agricultural products from Pennsylvania have increased more than 85 percent since 1987.

Wolff also said a new survey of more than 90 active agricultural exporters indicated the Department's Domestic and International Trade Division was directly responsible for more than $14 million worth of domestic sales and nearly $2 million in export sales during 1991.

Wolff met informally with representatives of the Pennsylvania Farmers Association, the Pennsylvania Farmers Union and the Pennsylvania State Grange to discuss priorities and concerns for 1993.

"These companies rely on our people to show them the ropes for international trade shows," Wolff said. "In addtion, our participation reduces the cost of showing products overseas, where our companies can put quality Pennsylvania products in the hands of potential buyers."

Eight Pennsylvania companies exhibited their products in the "Pennsylvnaia USA" exhibit at the SIAL food show, held outside of Paris from oct. 25-29. The exhibit was sponsored by the Department's Domestic and International Trade Division.

Companies showed quality Pennsylvania-made potato chips, pretzels, beer, soups and condiments, ice cream and frozen yogurt. All were "high-value" products, with the value added by extended processing.

"Jack and Jill ice cream generated 70 sales leads as a result of their exhibit," Wolff said. "And Bob Cotten's pies continue to be very well received in the international marketplace."

Mr. Cotten, of Bob Cotten Gourmet Specialities in Stowe, Pennsylvania, had earlier expressed his support of the Domestic and International Trade Division's efforts to Secretary Wolff.

"What your Department is doing today, right now, will have tremendous value for Pennsylvania growers and producers in tomorrow's increasingly global economy. In fact, I think this program is one of the single most important things the State of Pennsylvania can do now to help ensure a prosperous future for its citizens," Cotten wrote.

Over 100,000 buyers from 128 countries visited the SIAL show "We were proud to be a part of the SIAL exhibition this year," Wolff said. "Trade shows are the way the world does business."

Northeast DHIA Meets

ITHACA, NY — Northeast DHIA Delegates gathered in Ithaca recently for the Cooperative's fifth Annual Meeting. The atmosphere was very positive and enthusiastic as issues were brought up and discussed among the delegates.

Nelvin Empet, General Manager of Northeast DHIA spoke about progress, accomplishments and paradigm shifts of the Cooperative. Paradigms are the way problems are solved over time Empet explained, and DHIA is in the midst of major paradigm shifts. "In the next year or two I expect to see more change in DHIA than has occurred in all of the past 15 years", Empet stated in his General Manager's report.

The Cooperative has experienced a very successful year beginning with superior National DHIA quality certification results. Additionally, many projects have been completed, innovative testing plans are underway, the implementation of Day-one is progressing and the sales and support of Dairy Comp 305 are strong. "Overall this past year was a success and helped place Northeast DHIA in a good position to handle whatever changes are coming our way," Empet said.

The numbrs agree. Northeast DHIA has experienced a stable herd enrollment in the past year with only a 2% loss, and cow enrollment up 5500 cows or an increase of 1%. Currently 73% of DHIA herds are on the Somatic Cell option for a total of 329,942 cows. This is a 6% increase over last year. The other area of large sales increases is in AIM reports. Over 100,500 cows are enrolled in this option. More than one half of the farms still operating in the Northeast are on DHIA.

Othe highlights of the Annual Meeting included an excellent presentation on Profitability of Dairy Farms, by Dr. Dave Galton, Professor of Dairy Science at Cornell University, and a Future Forum exercise in which delegates formed groups to discuss future issues of the Cooperative.

What is the outlook? Northeast DHIA is positioned to meet the changing needs of dairy farmers with its dairy farmer leadership and professional staff. Northeast offers the best choice for complete dairy herd information systems.

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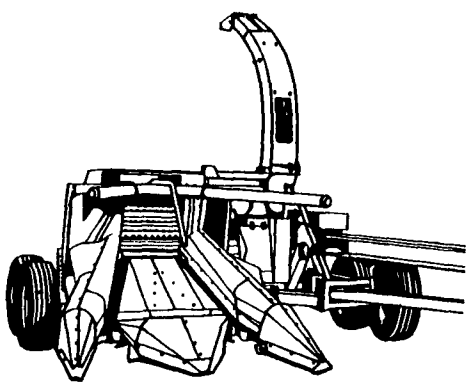
Versatility Champ!



With a horsepower rating for maximum 200 hp, the Gehl 1060 featues exclusive patented spinner delivery system that "jets" material from cylinder to blower in a continuous flow. Other features include overrunning clutch; in-head hydraulic knife sharpener that allows in-field knife sharpening and refacing of cutterbar, using tractor hydraulics; and single-station cutterbar adjustment. Auto-Max system, speed monitor, metal detector, haylage water tank optional! It's totally versatile! Make us prove it with a demonstration

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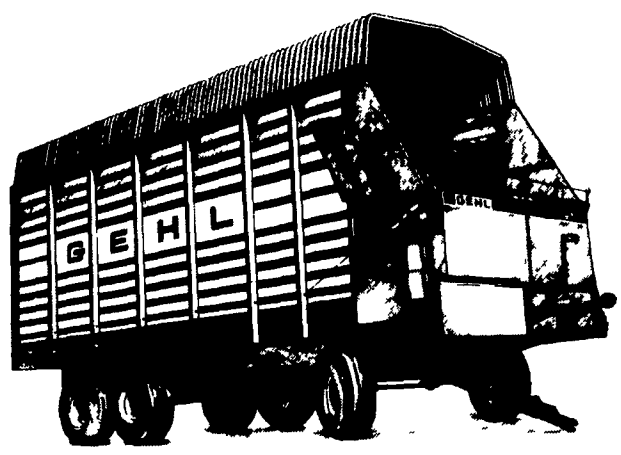

Gehl makes the best-selling forage box in North America. Here's why:

- **Five sizes** deliver the capacity to match your forage harvesting operation.
- **10-Year Warranty** against rust-through on sides, endgates, stakes and roof.
- **Wide 23½ -inch** cross conveyor extends nine inches beyond the box side, for easy positioning to the blower.
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- **Heavy-duty Gehl running gears** match the capacity of Gehl forage boxes.

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0% for 12 months

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9.9% for 36 months

Subject to certain restrictions

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Program Highlights Dairy Cow

(Continued from Page A15)

He said that although some farmers have expressed concern about settling a high producing cow, he said that research, which looked a large numbers of cows over a wide range of conditions showed that, "You shouldn't see a big difference in conception between high producing and low producing cows."

To those who consider the effects of delaying insemination in an attempt o improve conception rate, he said that in-depth studies have shown at best a 2 percent gain in rate of conception.

"In reality,there should be little difference between insemination at 50 days and 120 days. There's no good reason to delay breeding high producing cows early."

Further, Furgeson's talk reinforced what other experts have been expressing recently: increasing dry cow care and nutrition. He said that body condition scoring is one of the best indicators of the energy balance of the cow. The problem with high producing cows not reproducing is that those cows in a negative energy balance will not have as great a conception rate as those in a positive or nuetral energy balance.

Usable indicators of energy balance is body score. He said that the average cow, if fed right, should be out of a negative energy balance after the first eight weeks of lactation.

He said that at the fourth week of lactation, the cow should have lost the most body condition.

In appearance, body condition should be stable between four weeks and 13 weeks. At 13 weeks the body condition should show an increase, but that a positive energy balance should have begun after eight weeks and she should be ready for conception prior to 13 weeks.

A generally reliable rule of thumb for condition of the cow, Furgeson said, is, "If you put your hand on the pin bone and don't feel a fat pad, she's too thin. She's too fat if you can't see the ligament (in the rear support)."

Gerald ZEISLOFT

USED FARM EQUIPMENT

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★ Quality Pieces In Every Category

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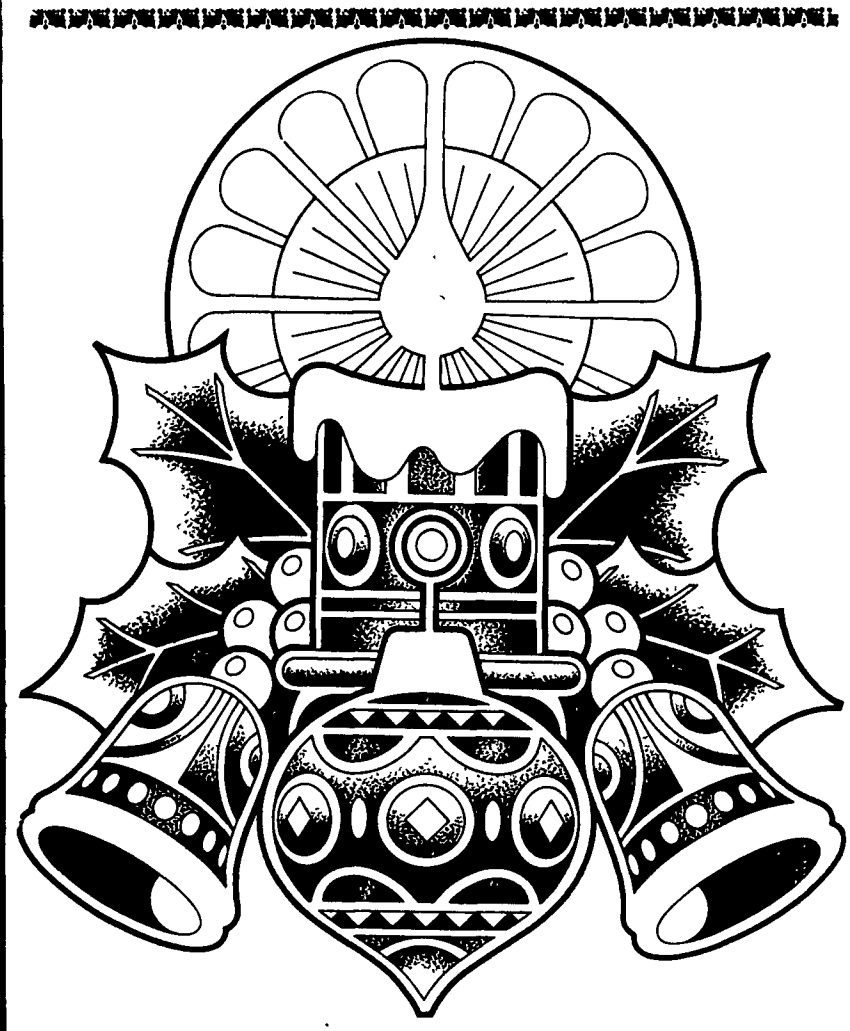

Merry Christmas

To old friends and new go our wishes for a season of love and faith. A warm, wonderful thanks to all!

KEYSTONE CONCRETE PRODUCTS INC.
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"WAFFLE SLAT"

From the left, Clyde Rutherford, president of Dairylea Cooperative Inc., receives a recognition plaque from Dr. Phil Sears, representing the Empire State Mastitis Council.

Combine Becomes A Christmas Tree

It's not a Christmas tree, but the lights that outline this Gleaner combine call attention to the season and bring holiday greetings to all who pass Hernley's Farm Equipment, Inc., on South Market Street, Elizabethtown. The photo was taken at dusk with just enough light to record both the combine and the lights.

Dairylea Receives Award

SYRACUSE, N.Y. — Dairylea Cooperative Inc. recently received recognition from the Empire State Mastitis Council for the cooperative's support of the council's super milk program.

The New York milk quality program recognized Dairylea because it had the most award winners this year among all the organizations nominating members for the award.

The recognition was made during Dairylea's annual meeting.

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4 DAYS ONLY
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Shovels
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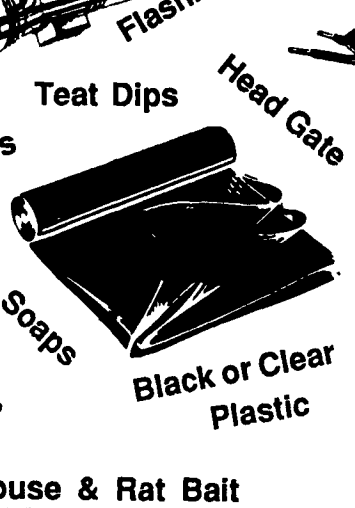

* 50 LB. FEED ADDITIVES NOT INCLUDED

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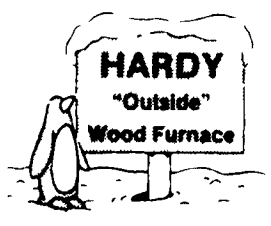

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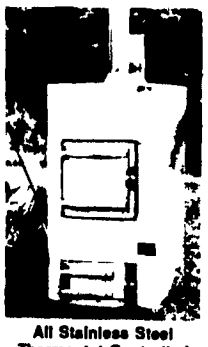

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SOW UNIT

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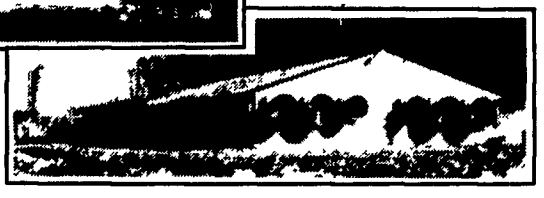

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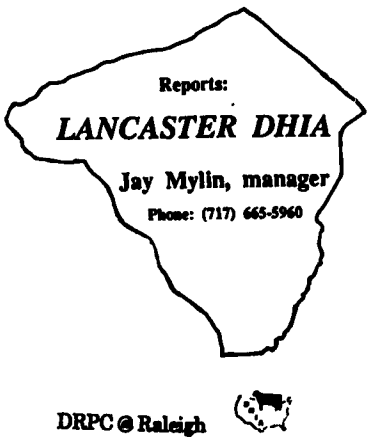

Body Condition Scoring is a **subjective measurement of body fat covering which indicates the amount of stored energy reserves.** When scoring, the fat covering the rump and loin is evaluated and the cow is given a numeric score from 1 to 5.

Body condition is expected to change over the different stages of each lactation. During early lactation, energy output (milk) is greater than energy intake due to peak production. Most fresh cows lose weight and replenish body fat during mid and late lactation when they can eat more energy than is required for the amount of milk they produce.

Why is Body Condition Scoring important? Body condition should be regularly evaluated so feeding and management practices can be adjusted as needed. **Adequate body reserves are necessary to maintain health, production and reproductive efficiency.** Under-conditioned cows are prone to lower milk peak yields and lower lactation persistency. Overconditioned cows tend to have claving difficulties, fatty liver syndrome, poor reproductive performance and metabolic disorders.

Research indicates that cows losing greater than a 1.0 in body condition score in early lactation had longer days to first heat, lower first service conception rates, and longer days open.

How often should I score cows? Cows should be scored **every time they are handled:** calving, postpartum exams, breedings, pregnancy check and dry off. In addition, scoring at **late lactation** is recommended.

Calving: establish initial evaluation; compare dry off value to evaluate dry cow nutrition program. (Goal: 3.5 to 4.0)

Post-Partum Exam (21 to 35 days in milk): compare to calving score to evaluate transition from dry cow to milking herd ration. (Goal: 3.0 to 3.5)

First Service (70 to 100 days in milk): compare to calving and post-partum score to evaluate early lactation ration and feeding management. Large changes may be associated with poor conception rates. (Goal: 2.5 to 3.0)

Pregnancy Check: compare to earlier scores to evaluate ration and feeding management. (Goal: 2.75 to 3.25).

Late Lactation (200 days in milk): Cows are more efficient in gaining weight during lactation versus dry. Thin cows should be maintained on a ration to replenish body condition. (Goal: 3.0 to 3.5).

Dry Off: Thin cows may need to be supplemented. Compare this value with the score at calving to evaluate how dry cow nutrition should proceed. (Goal: 3.5 to 4.0).

Who should do the scoring? Farm managers are present during most of the events listed for condition scoring. It is recommended an **off-farm specialist** such as veterinarian, nutritionist, etc. also be involved. This helps ensure that producers do not let personal biases (she's my best cow) influence body condition evlaytaion. During post-partum exams and pregnancy checks when the cow is restrained, the veterinarian has an ideal opportunity to evaluate body condition.

How do I organize the scores? **DHIA has a Body Condition Scoring option that summarizes this information** to allow farm managers to use it in performance analysis. On test day you or your DHI Technician records the individual scores on an input form.

The Body Condition Score Report (example shown below) is sent with your DHI reports. The report lists each cow in the herd with all body condition scorels for the current lactation plus the score at dry-off for the previous lactation. A summary by lactation grouping helps analysis of condition scores. The cost for this option is approximately 3¢ per cow per test.

Body Condition Scoring is an essential management tool. It provides additional management information that can be used to improve animal performance and the farm's efficiency. Scoring body condition can be learned with little training and good observation skills.

Information on **how to evaluate body conditions** is available from several feed companies or check with your local Extension Agent.

(Dr Jim Spain, Extension Dairy Specialist, University of Missouri, contributed to this article)

DHI BODY CONDITION SCORE REPORT

Cow Index Number	Prev Lact Dry-off BCS	Last Status C D E	Date MMDDYY	Lct No.	BODY CONDITION SCORES Calving (1)	Post Part. Check (2)	1st Service (3)	Preg Check (4)	Late Lact (5)	Dry Off (6)	Barn Name	Days In Milk	Rating Projected 305-2X-ME FCM	Bd Wt	Cds Ser #	Reproductive Status Bred Or Heat Date Mo	Day	Due Date Mo	Day	Days to 1st Ser Days Open
412	4.2	2	061291	6	3 8	3 6	3 1	3.3	3.9	4.4	SONA	284	A 21995	140	P 3	12	04	09	09	84 175
469	4 4	2	123091	4	3.9	3.7					VERNA	83	D 16807	130						
474	3.8	2	081191	3	3.7	3 5	3 3	3 5	3 8		VERTA	224	A 18960	140	P 2	11	02	08	08	61 83
497	3 9	2	012392	2	3 5						SHELLY	59	C 18306	140						
509		6	110591	1	3.7	3.3	2.7				STEVIE	138	B 20148	130	1	02	05	11	11	92 175

"TYPICAL" CONDITION SCORES

Score	Condition
1	Skin and bones, cow after severe DA
2	Severe negative energy balance especially during early lactation, greater problem in mid to late lactation
2+	High producing cow in early lactation
3	Milking cow in positive nutrient balance.
3+to 4-	Late lactation or dry cow in good condition
4	Overconditioned if in milk.
5	Severely overconditioned, a potential problem at calving or during lactation

(Va. Coop. Extension Service, Publication 404-104)

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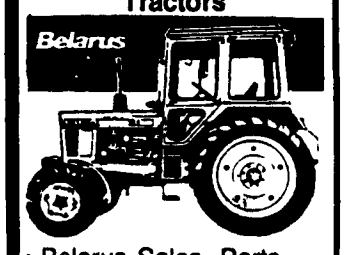

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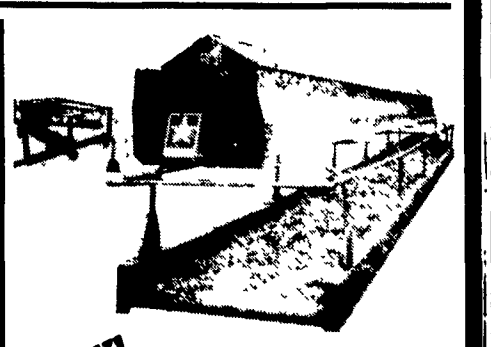

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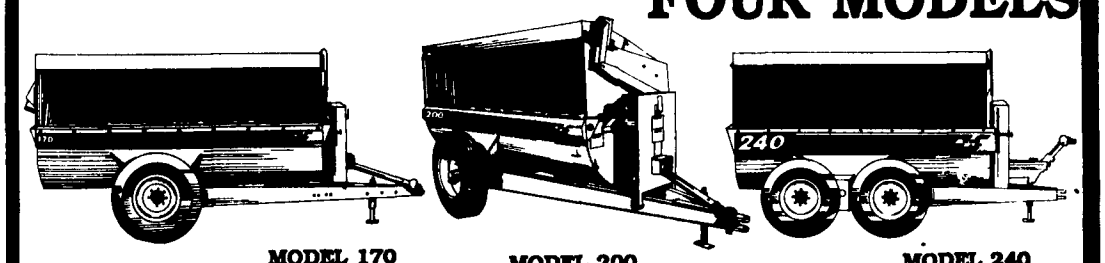

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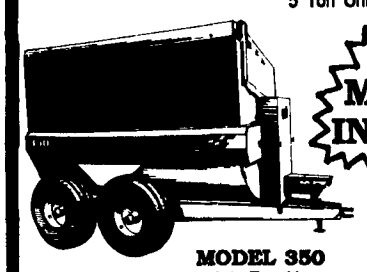

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Berks Dairy Of Distinction Tops DHIA

BY CONNIE LEINBACH
(Berks Co. Correspondent)

LEESPORT (Berks County) — Tim and Teresa Kissling, owners of Hiddenview Holsteins, hit the jackpot twice this year as their dairy herd won top production honors at the Berks County DHIA annual meeting here recently.

Hiddenview's 70 registered Holstein herd had the highest rolling herd milk production average of 25,787 pounds and a herd management rating of 154, also the top honor.

This herd also had high protein at 832 pounds and high butterfat at 919 pounds.

A showcase dairy farm, having also been named Dairy of Distinction this year, the Kisslings, of Robesonia R.D. 1, believe the key to their success is superior genetics, good nutrition, and cow comfort, noted Penn State dairy extension agent Clyde A.B. Myers.

Teresa said the herd must begin with good genetics, so breeding AI to good, proven bulls is crucial. But her attention to breeding goes further, as she studies pedigrees on both sides; knows bulls and their offspring and analyzes every cow.

According to Myers, all bulls must be at least plus one point in type and plus 50 pounds in protein to be considered for a Kissling mating. In addition, the Kisslings pay close attention to udder characteristics as high producers must have mammary systems that can handle the large volumes of milk.

Moreover, the Kisslings believe that superior structure will result in a cow that will produce well in her mature years. They have seen a higher percentage of high producing mature cows in the herd has increased production levels.

According to Myers, to keep the herd at its high production level, Tim feeds the cows nutrient-dense feeds. He uses a TMR ration between two groups, with the low group fed for 55 pounds and the high group for 80 pounds. Top dressing of 17 percent complete feed is done for individual cows in both groups. The ration, given twice daily, is about 60 percent haylage and 40 percent corn silage with cooked soybeans for energy and protein.

The Kisslings monitor the feed intakes and adjust them daily. Tim tests haylage as it is ensiled by pulling two samples from each cutting.

After good feed, cow comfort is the Kisslings' next concern, Myers said.

Maintaining healthy feet and legs was a continual battle until the Kisslings went on a regular schedule of hoof trimming and placed more emphasis on stall bedding, Myers noted. The bedding consists of sawdust mixed with lots of chopped straw. And, since the Kisslings installed a bedding saver, swollen hocks and two-year-old feet and leg problems are almost non-existent.

Evidence that the cows are comfortable is shown during the times when all the cows are lying down in the well-ventilated barn. They spend hot summer days in the barn and the evening in the pasture.

The 50-head Holstein herd of Glenn and his son, Lamar, Gockley of Adamstown have yielded a rolling herd average of 24,884 pounds of milk, making them second highest in production in Berks, Myers said. The Gockleys also won high herd protein at 808 pounds and second place in herd management with 124 points.

According to Myers, raising quality replacements has been a key to the Gockleys' success. Heifers are housed in an open barn facing south with an open peak for ventilation and a quality environment that is easily cleaned with a front-end loader. Head gates for all ages of cows allow for easy vaccination, breeding and treating. There are observation areas for older heifers, which is essential if animals are to be bred by 15 months.

All heifers are bred AI to calving ease bulls, Myers said. Calves are housed in individual pens. Calves under six months of age are fed grain and hay, and receive the cleanings from milk cow's troughs after six months and until they are placed in the milking herd.

Myers noted that the Gockleys' manual TMR ration consists of 18 to 20 pounds of alfalfa haylage at 40 percent moisture, 12 pounds of corn silage at 55 percent moisture, and high moisture corn to a maximum of 40 pounds according to each cow's production.

A 34 percent protein pellet supplements the other feeds. Haylage and HMC are manually mixed in front of the cows. One hour later, silage and supplements are mixed into what is left. Hay is fed after the evening milking, Myers said.

The Gockleys made a major management change by keeping the milking cows in the barn all the time. The previous pasture area was muddy. Now cows are only allowed out about one hour in the morning to exercise and check for heat. The exercise lot is filled with stone and is well drained. This practice allows for cleaner animals and less mastitis, Myers noted.

Myers said that Glen-Jan Farm, Womelsdorf R.D. 1, home of Glenn and Janet Brubaker, attained 127 points in the herd management program. Its 68-head rolling herd averaged 23,049 pounds of milk.

Other awards went to Junge Farms, New Tripoli R.D. 1, for second highest herd fat at 896 pounds.

Glenn Brubaker won for most improved herd for milk, with an increase of 3,896 pounds. Most improved for protein was James Phillips, Bernville R.D. 1, with 133 pounds, and most improved for fat was Booncroft Farms, Oley, with 162 pounds.

Harold Schuler of Fleetwood had the lowest somatic cell count at 116,000. Second lowest was Forrest Stricker, Wernersville, with 153,000.

In individual cow awards, the high lifetime milk and high lifetime protein went to Sandy of Rothrock Golden Holsteins, New Tripoli R.D. 1, at 276,312 pounds milk and 8.062 pounds of protein.

High lifetime fat went to Gala of FGG Holsteins, Hamburg R.D. 2, with 9,427 pounds.

In Aryshires, Patty, owned by Heindel Farms, Womelsdorf R.D. 2, won high milk at 22,691 pounds; high protein at 685 pounds and high fat at 873 pounds.

In Brown Swiss, Heidi, owned by Randy Balthaser of Northkill Creek Farm, Bernville R.D. 1, won high milk at 23,004 pounds, high protein at 745 pounds; and high fat at 914 pounds.

In Guernsey, Cow No. 2, owned by James Delong, Bowers, won high milk at 19,336 pounds; high protein at 629 pounds and high fat at 835 pounds.

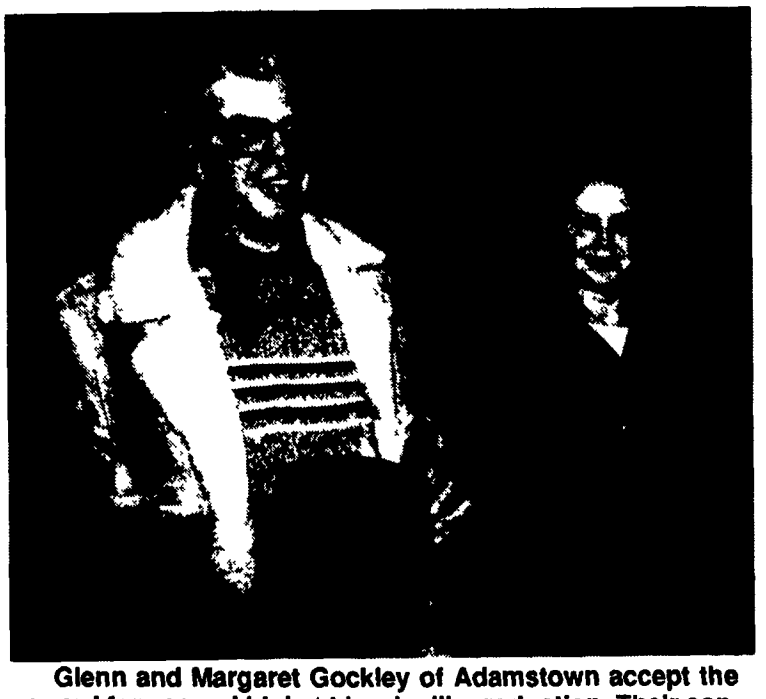
In Holsteins, Ella, owned by Mervin Brubaker, Womelsdorf R.D. 1, won high milk at 37,649 pounds. Fidlia, owned by Plushanski Farms, Kutztown, won high protein at 1,283 pounds, and high fat at 1,863 pounds.

Of Jerseys, Taniki of Herb Top Farms, Topton, had high milk of 20,200 pounds. Cow No. 421 and cow No. 623, both owned by Robert C. Dreisbach, Hamburg, had high protein at 762 pounds and high fat of 986 pounds, respectively.

In Milking Shorthorns, two cows owned by Samuel Yoder, Shoemakersville, took the honors. Mais had high milk of 18,048 pounds and high protein of 572 pounds. Phylis had high fat at 647 pounds.

Harold Schuler of Fleetwood had the lowest somatic cell count at 116,000, and Forrest Stricker, right, had the second lowest at 153,000.

Helene Dreisbach of Hamburg accepts the award for high milk, protein and fat on behalf of Herbtop Farms, which she runs with her husband, Robert.



Glenn and Margaret Gockley of Adamstown accept the award for second highest herd milk production. Their son, Lamar, is the herd manager, but did not attend the meeting.

Randy Balthaser of Northkill Creek Farms, Bernville, takes the honors in Brown Swiss for high milk, high protein and high fat.

Tim and Teresa Kissling, and their son, Andrew, 11, accept the honors for highest herd milk of 25,787 pounds for their 70-head rolling herd average.

MILK.
IT DOES A
BODY GOOD.

Farm Calendar

(Continued from Page A10)

p.m.
Dairy Cow Nutrition Short Course, Cecil County Extension, Elkton, Md., 10 a.m.-2 p.m., repeats Jan. 19.

Wednesday, January 13

Vet. Assoc. annual dairy meeting, Country Table Restaurant, Mount Joy, 9:30 a.m.-3:30 p.m.
Pa. Auctioneer's Assoc. annual convention, Marriott Hotel, Harrisburg, thru Jan. 16.
Soil Fertility Workshop, Washington County Extension Office, Washington, Pa., 10 a.m.-3 p.m.

Thursday, January 14

Ag Issues Forum, Willow Valley Conference Center, Willow Street, 7:30 a.m.-9 a.m.
Soil Fertility Workshop, Westmoreland County Extension, 10 a.m-3 p.m., repeats Feb. 3.
Farm Financial Management Workshop, Mahantongo Fire Hall, Pitman, 7 p.m.-9 p.m.
Dairy Cow Nutrition Short Course, Caroline County Extension, Denton, Md., 10 a.m.-2 p.m., repeats Jan. 21.

Friday, January 15

Pa. Christmas Tree Growers Assoc. meeting, Embers Convention Center, Carlisle, thru Jan. 16.

Saturday, January 16

Franklin County Holstein Assoc. meeting, 7 p.m.
Dauphin County Holstein Assoc. meeting, Western Sizzlin, Harrisburg, noon.
New Jersey Bred Equine Breeder awards dinner, Freehold Garden Hotel and Conference Center, Freehold, N.J.
Mercer County Dairy Day, Career Center, Mercer.

Sunday, January 17

Monday, January 18

Northeast Winter Dairy Management Schools (West), Sheraton Inn, Batavia, N.Y., thru Jan. 19.
Northeast Winter Dairy Management Schools (East), Ramada Inn, Watertown, N.Y., thru Jan. 19.
Eastern Pennsylvania Turfgrass Conference and Trade Show, Valley Forge Convention Center, thru Jan. 21.
Crop Production Satellite Seminar, Forage Crops, Penn State.

Tuesday, January 19

NYS Farm Direct Marketing Conference, Kingston Holiday Inn, Kingston, thru Jan. 21.
Lime, Fertilizer and Pesticide Conference, Days Inn, State College, thru Jan. 21.
Dairy Cow Nutrition Short Course, Cecil County Courthouse, Elkton, Md., 10 a.m.-2 p.m.
Ag Information Series, Forest Stewardship and Erosion and Sedimentation Control, UNILEC Building, DuBois, 7:30 p.m.-9:30 p.m.
Beef Evaluation Program, Live Evaluation, Leesport Farmers Market, Leesport, 6:30 p.m.

Wednesday, January 20

Northeast Winter Dairy Management School (West), BPO Elks Lodge, Meadville, thru Jan. 21.
Northeast Winter Dairy Management School (East), Holiday Inn, Oneonata, thru Jan. 21.
Dairy MAP, Family Time Restaurant, York, 9:45 a.m.-3 p.m.

Thursday, January 21

Winter Nursery Seminar, Delaware Valley College.
Penn Jersey Dairy Expo, Oxford Fire Hall, Oxford, repeats Jan. 22 at Easton Inn, Easton.
Crop Production Satellite Seminar, Grain Crops, Penn State.
Dairy Nutrition Short Course, Caroline County Extension, Denton, Maryland, 10 a.m.-2 p.m.
Raleigh DHIA Records Workshop, Ephrata High School Auditorium, 10 a.m.
Basic Sheep Management Short Course, Neshaminy Manor Center, continues January 28, Feb. 4, 11, 18, 25 and March 4.
Eastern Regional Winter Nursery Seminar, Delaware Valley College, Student Center, Doylestown, 8:30 a.m.
Beef Evaluation Program, Carcass Evaluation, Peters Bros. Meats, Lenhartsville, 7 p.m.

Friday, January 22

Northeast Winter Dairy Management School (West), Holiday Inn, Chambersburg, thru Jan. 23.
Northeast Winter Dairy Management School (East), Holiday Inn, Saratoga Springs, N.Y., thru Jan 23.
Centre/Clinton Crops Day, Logan Grange Hall, Pleasant Gap.
Income Tax Meeting, Tunkhannock, 8 a.m.-4 p.m.
Penn Jersey Dairy Expo, Easton Inn, Easton.
Soil Fertility and Nutrient Management Workshop, Bradford County Crop Extension, Towanda, 9:30 a.m.-3:30 p.m.

Saturday, January 23

Wyoming/Lackawanna annual meeting, Meshoppen United Methodist Church, Meshoppen, 7:45 p.m.

Maryland Tobacco Auctions Begin March 16

ANNAPOLIS, Md. — The 1993 Maryland Tobacco auction season will begin March 16 and will last during a four-week season, closing April 8, according to Maryland Secretary of Agriculture Robert L. Walker.

Walker's announcement follows recommendations of the State Tobacco Authority, which proposed the sales dates after consulting with tobacco buyers, warehouse managers, and growers.

Running over a four week period, the 1993 sales will be held on 15 days.

Sales will be held at the six public warehouses located at Wayson's Corner, Waldorf, two at Upper Marlboro, and two at Hughesville.

The Maryland Department of Agriculture's Marketing Services will provide daily sales reports during the season over its "Tobacco Report" toll-free number. Those interested in following the market can access the report after 8:30 a.m. each day by calling (800) 638-2207.

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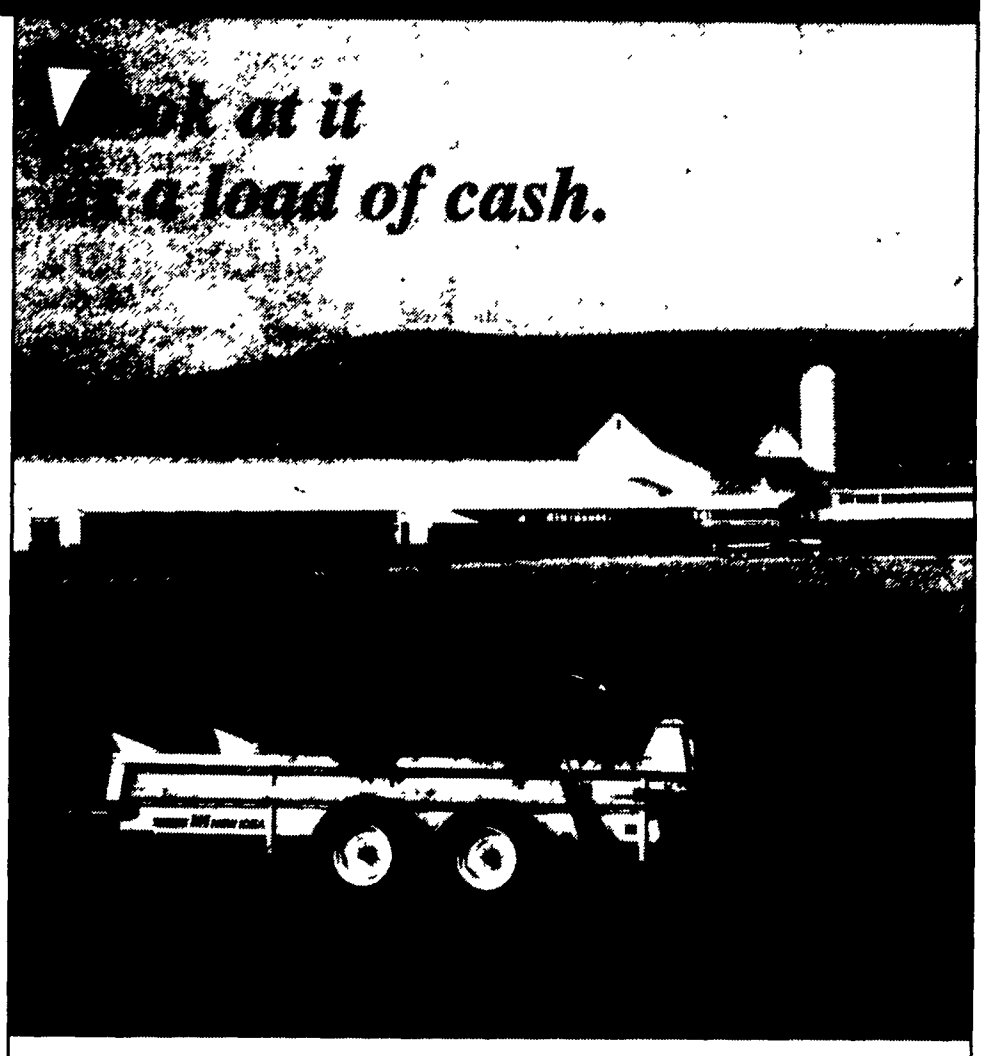

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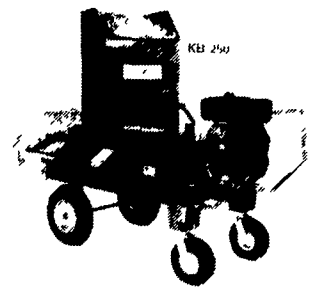

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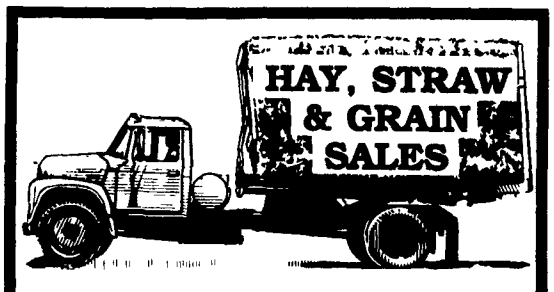

Notice Of Time Change
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Hiller Hopes

(Continued from Page A1)

In 1970 he sold his dairy herd and became the farm representative for the State Conservation Commission for 17 north central counties. At first, this commission was part of PDA but later was transferred to DER. By 1980 the Federal Clean Water program was established to address non-point source pollution on farm and forest land. Hiller headed that program in Pennsylvania and later moved to the control program for erosion, sedimentation pollution.

"I think we are at a very critical point in Grange history because the farm population has decreased over the last 30 years," Hiller said. "People think if they are not farmers, they don't belong in the Grange. But the Grange was started by both farmers and non-farm rural people. Everyone who has an interest in agriculture and rural life is a good candidate for Grange membership.

"The Grange is a rural organization with emphasis on agriculture and a secondary emphasis on community service and development. I look at the Grange as the catalyst between agriculture and rural neighbors--the liaison between them because we have members in both areas."

Hiller has some definite opinions about how the Grange fits in with other farm organizations. "We need to stand side by side with other farm organizations," Hiller said. "We need to bring unity to address our ag problems. I don't think we can send mixed messages to legislators. And we cannot be pushing left field issues. We need to be unified.

"There will never be anything more important than feeding people. But we also need a good place to live. We need to be part of the planning for rural development."

Hiller cited the example when one group of county supervisors refused to set up an ag preservation area. "Where were the farmers when the regulations were put in place?" Hiller asked. "We need farmers to be part of local government. If you have supervisors that are pro-development and anti-agriculture, you have these situations that work against farmers. Grange members need to be involved."

Even though Hiller has worked in government agencies for many years, his view of some of agriculture's main issues are strictly from a common-sense farmer viewpoint.

On wetlands, he thinks the issue is out of hand. This issue started primarily to protect the resting and nesting places of migrating birds. But the wetlands issue became more and more a wider issue. Hiller believes the birds needed the protection. But after the environmentalists said the U.S. only had 2 million acres of wetlands, restrictions were put in place and the number of wetlands were catalogued. Now 50 million acres of wetlands have been catalogued, but the strict regulations have been retained.

"The wetlands program has gone out of bounds from what was intended," Hiller said. "I think it's so bad when they even identify manmade wet areas as wetlands and say you can't change them. We have forgotten to include the people factor. To me the environment is not to be destroyed but to be managed for people. Of course, wild life is important. All elements of life are important. But when we make unnecessary expenditures to save something that we think is endangered and later find the species all over the place, the program becomes a farce."

Hiller believes forests are renewable resources and should be harvested just like a field of corn is harvested. "When they require 8,000 acres of native virgin timber for a pair of owls that are not endangered anyway, I think the pendulum has swung too far," Hiller said. "It's shameful to see virgin timbers falling and rotting in place because no one has harvested them. Harvesting the trees and planting new trees could be more beneficial to the environment than a rotting forest that has not been harvested in time."

Hiller hopes to get the Grange involved in the rural issues. "Agriculture and rural Pennsylvania have many pressures," Hiller said. "And I want the Grange to help with these pressures. The Grange has many beautiful traditions and rituals. Some people want to preserve these traditions and others do not care about them. People come first. And what the local Granges want to do is up to them. Grange could better your life. You may want to be part of our action," Hiller said.

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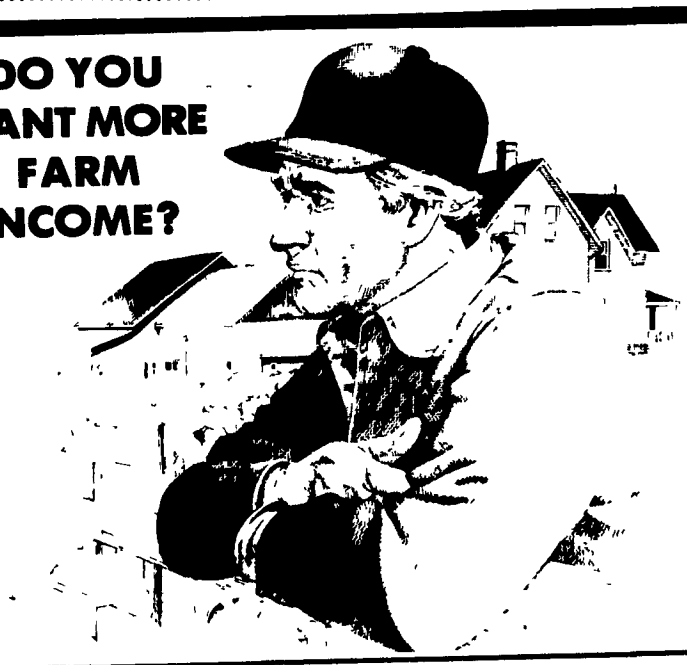

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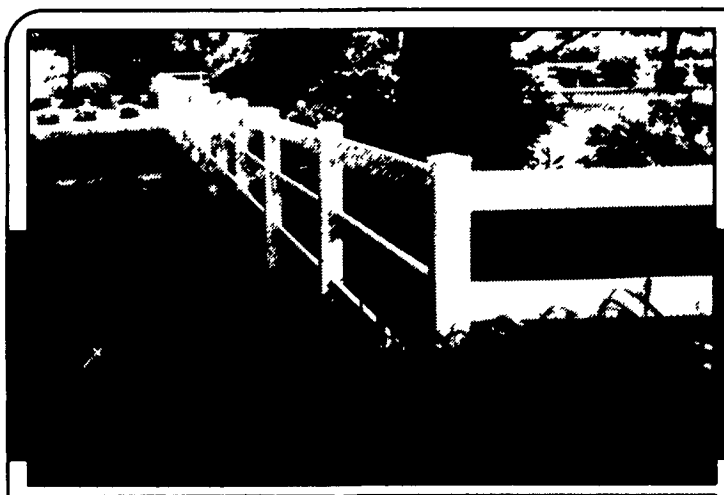

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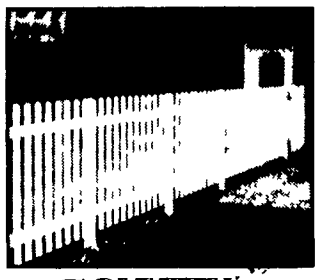

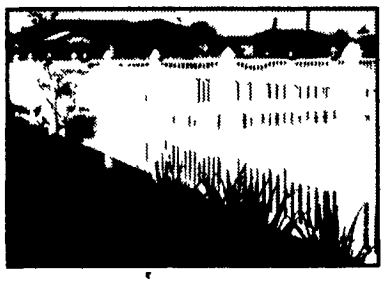

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Highest Protein Pennsylvania DHIA Herds For November

ADAMS

NAME	BR	NO COWS IN MILK	MILK LBS	3 X	FAT LBS	FAT PCT	PRO LBS	PRO PCT
LEROY DEPUTY	B3	113.5	22350	0	845	3.8	704	3.1
ROBERT C HOFFMAN	3	25.8	22454	0	802	3.6	680	3.0
JO JEN HESS	8	14.7	21980	0	824	3.7	678	3.1
RAY DUTTERER	G3	62.1	20582	0	780	3.8	672	3.3
ROY A WEANER JR	3	67.6	20865	0	794	3.8	667	3.2
R+K CUNNINGHAM	B3	44.5	21299	0	913	4.3	659	3.1
BROWN VALLEY FARM	3	75.9	20754	0	849	4.1	657	3.2
STONER DAIRY	G8	70.7	20841	0	800	3.8	655	3.1
JOBO HOLSTEIN FARM	B3	197.7	20519	0	761	3.7	643	3.1
WAY BRITE FARMS	B3	148.0	20202	0	798	4.0	641	3.2
KEHR ACRES	3	109.5	19593	0	747	3.8	640	3.3
PENN GATE FARM	3	80.0	19132	0	777	4.1	629	3.3
GROVE BROS	B3	81.8	19729	0	622	3.2	627	3.2
M C + T DURBORAW	3	61.1	18944	0	762	4.0	623	3.3
JEFF+MARY KAY ROCHE	3	71.1	19302	0	647	3.4	620	3.2

ARMSTRONG

ROBERT F HINDMAN	B3	55.2	22646	0	832	3.7	703	3.1
MARK+DAVID CAMPBELL	3	61.3	22227	0	822	3.7	697	3.1
GREG+KATHY TOY	3	24.9	22373	0	798	3.6	694	3.1
PAUL E WALKER JR	B3	74.8	22528	0	958	4.3	693	3.1
HILLTOPHEAVEN	B3	53.1	20768	0	729	3.5	655	3.2
TE & MARYJEAN GROOMS	B3	61.5	20280	0	733	3.6	628	3.1
RON + BETH RUFFANER	3	33.5	20304	0	717	3.5	627	3.1
MAYPORT HILLS HOLST	3	47.7	19596	0	675	3.4	624	3.2
CARJA FARMS J STRATE	B3	36.3	19487	0	738	3.8	621	3.2
ROBERT E PATRICK JR	3	43.5	19636	0	741	3.8	620	3.2
HAROLD BOWSER + SONS	B3	63.4	19590	0	732	3.7	618	3.2
SCOTT BOWSER	B3	48.2	18973	0	666	3.5	604	3.2
LARA WILSON	3	26.2	18702	0	674	3.6	593	3.2
OREN J CLAYPOOLE&SON	3	83.6	17724	0	664	3.7	583	3.3
WILLIAM V PATTON	G3	47.0	18153	0	615	3.4	565	3.1

BEAVER

BONZO ONE-O-ONE HOLS	3	32.2	22083	0	899	4.1	714	3.2
WILLIAM J MC CHESNEY	3	32.1	22023	0	662	3.0	681	3.1
JOHN+WENDY COOPER	B3	86.9	21037	0	742	3.5	654	3.1
RAY NYE	G3	61.4	19469	0	700	3.6	607	3.1
MILLER FAMILY DAIRY	G3	57.5	18917	0	683	3.6	605	3.2
BROADRUN HOLSTEINS	B3	56.3	19562	0	688	3.5	601	3.1
JODIKINOS VALLEY VUE	B3	60.5	18942	0	740	3.9	598	3.2
EDWARD GINGER PFLUGH	G3	94.4	18497	0	674	3.6	588	3.2
EKO PEAK HOLSTEINS	B3	64.6	17951	0	697	3.9	585	3.3
F KEITH NYE	3	81.1	17600	0	682	3.9	576	3.3
ELDER VOGEL	3	57.7	17439	0	682	3.9	568	3.3
CRAIG FARMS	G3	77.7	17557	0	663	3.8	565	3.2
TEETS BROS	B3	66.3	16844	0	603	3.6	535	3.2
WESLEY DIEHL	B3	31.3	16775	0	644	3.8	514	3.1
GLENN+CAROL FOGEL	G3	80.4	15991	0	608	3.8	511	3.2

BEDFORD

MEADOW CREEK FARM	B3	176.6	23391	0	853	3.6	742	3.2
DANIEL L OVER	3	56.8	22694	0	838	3.7	724	3.2
STEVE + JERI RITCHEY	3	70.6	22188	0	885	4.0	715	3.2
PAUL & DAVID HELSEL	G3	112.8	22617	0	860	3.8	715	3.2
KENNETH MOWRY	B3	350.4	21633	1	782	3.6	694	3.2
JERRY L HERSHBERGER	B3	128.2	22533	0	876	3.9	694	3.1
THE LITTLE PLACE	B3	37.7	22035	0	839	3.8	691	3.1
RUSSELL GUNTZ	B3	53.1	20883	0	810	3.9	691	3.3
PAULDEN FARM	3	72.9	22195	0	833	3.8	690	3.1
JAMES + KARLA LEVY	B3	35.0	22304	0	824	3.7	687	3.1
BEAVER CREEK FARMS	B3	36.7	21887	0	823	3.8	686	3.1
DUANE+LINDA BIDDLE	B3	45.3	21490	0	803	3.7	679	3.2
MARK + RAYMOND YODER	B3	51.7	20645	0	802	3.9	663	3.2
DICK&ELEANOR RICE	G3	67.6	20585	0	793	3.9	659	3.2
ANDY T MOHR	3	86.2	21112	0	835	4.0	658	3.1

BERKS

HIDDENVIEW HOLSTEINS	3	70.8	25738	0	918	3.6	833	3.2
GLENN B GOCKLEY	B3	51.2	25027	0	793	3.2	811	3.2
MERVIN BRUBAKER	3	72.0	24448	0	870	3.6	777	3.2
DAVIEW FARM	3	64.8	23854	0	853	3.6	777	3.3
JUNGE FARMS	3	88.7	23948	0	908	3.8	775	3.2
GLENN BRUBAKER	3	70.0	23688	0	838	3.5	774	3.3
EARL R HAFER	B3	190.6	23490	0	810	3.4	759	3.2
ZAHNCROFT FARM	3	57.4	23137	0	818	3.5	751	3.2
RUSSELLDALE HOLS	3	45.8	23609	0	871	3.7	745	3.2
ALLEN P+MARY J GRUBE	B3	46.9	23254	0	851	3.7	744	3.2
HERB TOP FARMS	B3	49.7	22526	0	771	3.4	741	3.3
REU HEL FARMS INC	3	133.5	23149	0	823	3.6	741	3.2
FANTASYLANDHOLSTEINS	3	40.2	23374	0	848	3.6	737	3.2
GARY-MARTHA HEFFNER	B3	45.6	23173	0	807	3.5	729	3.1
MARTIN & MISSY MOYER	B3	54.9	23309	0	797	3.4	728	3.1

BLAIR

FREDERICK FARMS	B3	86.0	24638	1	1011	4.1	762	3.1
MARTIN STAYDUHAR	B3	51.7	25519	0	926	3.6	757	3.0
DAVID NANCY BISHOP	G3	53.8	23973	0	879	3.7	749	3.1
THOMAS W KELLY	3	79.2	23798	0	907	3.8	749	3.1
MIKE+CAROL HOOVER	B3	109.6	23116	0	929	4.0	731	3.2
JERRY + JOAN BECHTEL	B3	46.3	23043	0	907	3.9	724	3.1
EMILE DILLING	3	134.3	23383	0	884	3.8	718	3.1
BURKET FALLS FARM	3	101.4	21618	0	857	4.0	714	3.3

(Turn to Page A34)

Frohlicher Grisfest

Front Row (l to r): JOHN EATON, JR., Ag Loan Coordinator; SEAN MCKINNEY, Ag Loan Officer. Back Row (l to r): CARL BAUM, Ag Lending Assistant; SALLY DERR, Ag Secretary; MIKE FIRESTINE, VP-Senior Ag Loan Officer; ROBERT DONALDSON, VP-Ag Loan Officer. Missing From Photo: TERRY HILL, Ag Loan Coordinator.

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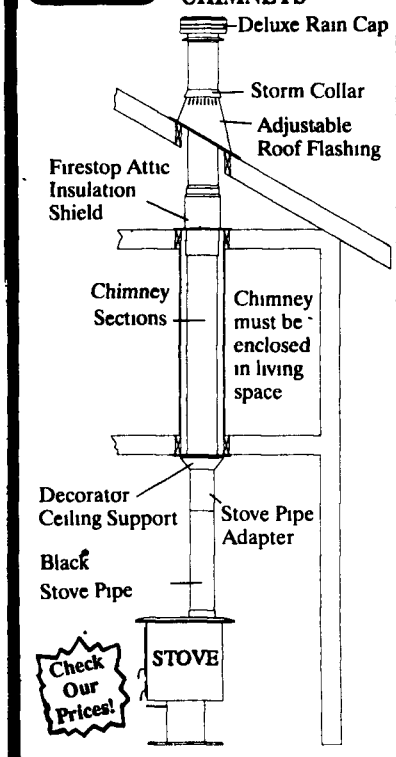

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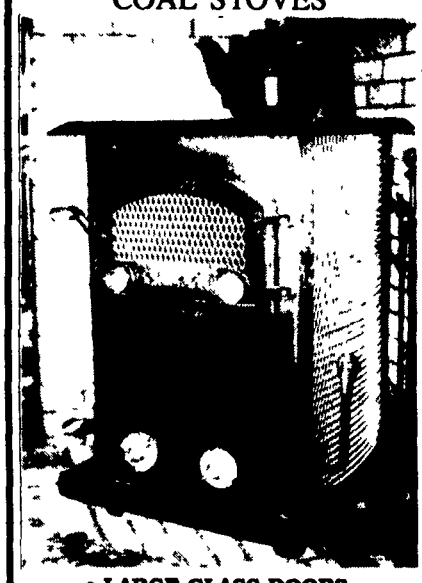

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(Continued from Page A33)

BARNES BROTHERS	G3	101.7	22121	0	823	3.7	709	3.2
STEVEN E PHEASANT	3	61.3	21842	0	867	4.0	705	3.2
COVE VIEW FARM	B3	90.3	21838	0	845	3.9	702	3.2
MARCOVE FARM	3	79.4	22802	0	905	4.0	700	3.1
DENNIS+DOUG SMITH	3	90.7	22437	0	860	3.8	697	3.1
SMITH HOLLOW FARMS	B3	120.8	22423	0	853	3.8	695	3.1
CROSS COUNTRY FARMS	B3	111.4	21205	0	803	3.8	695	3.3

1 **BRADFORD**

SCOTT LYNN COOK	B3	43.2	26833	1	1017	3.8	850	3.2
ROB&DONNA VANBLARCOM	B3	76.9	26936	1	888	3.3	835	3.1
MATT WILL B&W	3	64.0	25314	1	890	3.5	807	3.2
BRAUND VALLEY FARMS	3	100.7	24063	0	907	3.8	767	3.2
MILFORD KINSMAN&SON	3	100.4	23655	0	936	4.0	763	3.2
MATT WILL R&W	B9	21.4	23764	1	845	3.6	761	3.2
BEN & DEAN JACKSON	3	78.2	23564	0	899	3.8	754	3.2
GLEN & ARLEN LANDIS	3	87.0	23699	1	803	3.4	749	3.2
DICK+WILBER WHEELER	3	62.9	22734	0	849	3.7	745	3.3
MARSHALL M WATKINS	B3	108.9	22937	0	789	3.4	743	3.2
RON + CATHY KITTLE	B3	43.6	23133	0	825	3.6	731	3.2
RICHARD H PACKARD	3	49.9	22476	0	854	3.8	727	3.2
SHUMHURST FARM	3	37.9	22213	0	857	3.9	717	3.2
BROWNCROFT FARM	3	31.6	22577	0	957	4.2	716	3.2

1 **BUCKS**

DELAWARE VAL COLLEGE	3	37.1	26194	0	989	3.8	851	3.2
DAVID&SHARON BISHOP	3	107.1	24002	0	835	3.5	757	3.2
R GALEN LEATHERMAN	B3	99.3	23090	1	856	3.7	732	3.2
JOE & LINDA FORD	B3	48.8	22507	0	775	3.4	727	3.2
DAVID W WURSTER	B3	64.6	22168	1	828	3.7	708	3.2
DONALD&BRUCE CROUSE	B3	72.9	21361	0	785	3.7	707	3.3
PROMISE LAND DAIRY	B3	74.4	21048	0	691	3.3	689	3.3
CROOKED ACRES DAIRY	3	57.0	21684	0	775	3.6	686	3.2
DELAWARE VAL COLLEGE	1	11.2	20510	0	786	3.8	674	3.3
PAUL L-KEVIN BISHOP	B3	65.8	21733	0	754	3.5	667	3.1
WO BO FARMS	3	53.3	20875	0	802	3.8	664	3.2
GLENDALE VALLEY	B3	72.5	20918	0	703	3.4	662	3.2
JOSEPH FLECK	G3	53.9	20731	0	714	3.4	660	3.2
HAROLD-TOM HALDEMAN	3	89.6	20185	0	751	3.7	660	3.3

1 **BUTLER**

GARY L LAUSTER	3	20.7	22843	0	910	4.0	748	3.3
RALPH S THROWER	3	72.0	23180	0	732	3.2	743	3.2
FRITZ FARM	B3	41.0	23444	0	828	3.5	722	3.1
JOE LANGE	G3	52.8	21593	0	778	3.6	704	3.3
RICK + LINDA STUCHAL	B3	31.1	22866	0	792	3.5	703	3.1
DAVID & ALICE SEFTON	3	20.4	22031	0	800	3.6	684	3.1
DALE + PAULA WACK	B3	39.0	21093	0	802	3.8	679	3.2
WADE&BRADLEY COOPER	3	34.5	21074	0	790	3.7	670	3.2
NORMAN H GRAHAM	3	42.0	21430	0	762	3.6	660	3.1
HARTZELL FARM	B3	81.4	21527	0	744	3.5	656	3.0
ALBERT HOGG & SONS	3	44.4	19765	0	741	3.7	654	3.3
JAMES WILSON	B3	43.1	21005	0	817	3.9	651	3.1
MARBURGER FARM DAIRY	B3	106.9	20814	0	782	3.8	648	3.1
ROY C SIMPSON + SONS	B3	38.8	20204	0	743	3.7	647	3.2
JEROME B PIROCH	B8	45.7	20253	0	775	3.8	645	3.2

1 **CAMBRIA**

JAMES HARTEIS	3	79.3	23839	1	912	3.8	746	3.1
BRENT LOWMASTER	B3	86.0	21903	0	746	3.4	691	3.2
VALEWOOD DAIRY	3	133.0	21124	0	862	4.1	681	3.2
STRITTMATTER DAIRY	B3	147.8	20992	0	717	3.4	668	3.2
RON HOOVER	G3	53.1	20039	0	827	4.1	656	3.3
EDWARD HOGUE	G3	65.6	20463	0	787	3.8	656	3.2
LARRY C BAKER	B3	84.2	21235	1	774	3.6	654	3.1
DAVID MYERS	3	107.5	20832	0	787	3.8	640	3.1
RALPH J LIEB	B3	56.1	19526	0	677	3.5	633	3.2
MARTIN SHERRY	G3	91.8	19344	0	742	3.8	613	3.2
EDWARD MC MULLEN	B3	37.8	19451	0	726	3.7	603	3.1
CLETUS BORLIE	G3	48.8	17399	0	696	4.0	572	3.3
ROBERT GOBRECHT	B3	36.1	16765	0	578	3.4	524	3.1
DIVIDING RIDGE FARM	G3	56.5	15623	0	590	3.8	489	3.1
TOM MARHEFKA	B3	31.9	15679	0	590	3.8	484	3.1

1 **CAMERON**

PINE GROVE DAIRY FAR	G3	53.4	15254	0	545	3.6	491	3.2

1 **CENTRE**

TRINCA FARM	B3	61.8	24850	0	903	3.6	783	3.2
JAY HOUSER	3	72.5	24353	0	937	3.8	760	3.1
GRAHAMS FARM	3	102.0	23869	0	854	3.6	758	3.2
BILL +JENNIE STRUBLE	B3	33.7	24096	0	835	3.5	750	3.1
VALLEYS END FARM	B3	59.4	23637	0	819	3.5	749	3.2
STRINGERS SAND RIDGE	3	69.9	22626	0	873	3.9	732	3.2
JACOBIII+SALLY TANIS	3	87.9	23027	0	865	3.8	732	3.2
VALLEY WIDE FARM	3	87.5	23533	0	887	3.8	725	3.1
GEMI FELTENBERGER	B3	50.4	23080	0	813	3.5	718	3.1
ORE BANK ACRES	G3	92.4	21896	0	824	3.8	717	3.3
CARL R GATES	3	42.4	22503	0	834	3.7	711	3.2
DAN+PENNY ULMER	3	70.8	22484	0	866	3.9	711	3.2
RICK HOMAN	B3	68.0	22453	0	790	3.5	706	3.1
TOM AND LORI HARTLE	3	70.7	22464	0	883	3.9	706	3.1
PAUL-DOUGLAS VONADA	3	69.7	22088	0	859	3.9	702	3.2

1 **CHESTER**

HELMWOOD FARM	3	43.9	25941	0	1032	4.0	861	3.3
DUNWOOD FARM	3	56.4	24515	0	980	4.0	794	3.2
MARILYN+DUANEHERSHEY	3	72.6	24540	0	870	3.5	792	3.2
CHARLES J MOORE	G3	52.1	25432	1	775	3.0	776	3.1
CHRIS&CHES STOLTZFUS	3	60.2	23755	0	874	3.7	761	3.2
BRECK-A-DE FARM	3	85.8	23953	0	885	3.7	760	3.2
RICHARD HOOVER	3	60.5	21812	0	832	3.8	736	3.4
TIM+PHYLLIS BARLOW	3	92.0	23279	0	837	3.6	729	3.1
DALE HOSTETTER	3	51.7	22622	0	898	4.0	721	3.2
I LAMAR HORST	B3	68.1	21854	0	802	3.7	721	3.3
JOSEPH +SANDRA LUSBY	3	60.0	22541	0	854	3.8	714	3.2
BENJAMIN K KAUFFMAN	3	46.7	22365	0	803	3.6	709	3.2
RICHARD HOSTETTER	3	41.0	22228	0	828	3.7	709	3.2
PEI-VALLEY FARM	3	94.5	21113	0	846	4.0	703	3.3
MASON CHROMEVIEW LTD	3	154.0	23127	1	882	3.8	700	3.0

CLARION

KEITH E DECKER	3	57.4	24049	0	972	4.0	797	3.3
LLO-TIM ACRES	3	46.5	21958	0	881	4.0	694	3.2
FROSTBURG FARMS	B3	55.0	20993	0	760	3.6	658	3.1
NELSON E SMITH	B3	49.8	20641	0	743	3.6	654	3.2
SANDY RIDGE FARMS	B3	63.9	20455	0	752	3.7	654	3.2
JOHN HENRY	B3	91.3	20766	0	766	3.7	641	3.1
RAY KARL	G3	48.2	19581	0	736	3.8	635	3.2
ROBERT-LANE BYERS	B3	40.8	18965	0	718	3.8	615	3.2
FABER MANOR FARMS	3	100.6	19321	0	722	3.7	613	3.2
BASHLINES DAIRY	B3	66.1	19298	1	686	3.6	610	3.2
SOLID GOLD HOLSTEINS	B3	69.3	18785	0	716	3.8	598	3.2
STEVE BARNETT	B3	50.7	18953	0	734	3.9	593	3.1
DESTINY VALLEY FARMS	B3	49.3	16881	0	652	3.9	557	3.3
PINE GLEN FARMS	G3	50.4	17157	0	598	3.5	543	3.2
CHAMPION FARMS	B3	35.9	16985	0	616	3.6	539	3.2

1 **CLEARFIELD**

R WRIGLESWORTH & SON	B3	57.5	22894	0	853	3.7	720	3.1
HICKS DAIRY FARM	B3	69.3	21140	0	803	3.8	683	3.2
CARL G BRINK + SONS	B3	69.0	20652	0	702	3.4	661	3.2
BUNDY FARMS	B3	67.9	20143	0	668	3.3	654	3.2
SANKEYCREST FARMS	B3	22.0	19335	0	692	3.6	640	3.3
ORNER FARMS INC	B3	81.1	20338	0	759	3.7	614	3.0
ECKLUND HOLSTEINS	B3	53.3	19827	0	706	3.6	609	3.1
PRISELAC DAIRY FARM	G3	83.7	18810	0	653	3.5	585	3.1
WILLIAM YAPLE JR	B3	52.7	18286	0	602	3.3	583	3.2
DETRICKS FARM	G3	31.1	18400	0	697	3.8	575	3.1
DENNIS PETERS	B3	26.7	17961	0	613	3.4	560	3.1
WACHOB DAIRY	G3	61.1	17162	0	612	3.6	534	3.1
DENNIS J MODZEL	3	24.0	16748	0	552	3.3	530	3.2
C HARKLEROAD JR	G3	38.6	16629	0	617	3.7	526	3.2

1 **CLINTON**

PAUL L COURTER	3	73.4	22856	0	794	3.5	719	3.1
RONALD H MEYER	B3	122.6	21767	0	813	3.7	694	3.2
KEITH AND BEN CARSON	B3	70.6	20029	0	713	3.6	620	3.1
ROBERT BILLMAN	G3	26.6	19569	0	736	3.8	611	3.1
ROLAND L IRVIN	B3	55.1	17536	0	687	3.9	580	3.3
BLAIR&ELAINE COURTER	3	52.2	17957	0	667	3.7	579	3.2
HAROLD D MOORE	B3	61.1	18265	0	709	3.9	579	3.2
DEAN&BRENDA DAUBERT	5	61.9	16641	0	656	3.9	579	3.5
ED+JACKIE SEYLER	B3	55.1	18616	0	660	3.5	573	3.1
TONY CAROLINE GRAINE	3	29.8	16969	0	611	3.6	530	3.1
RIDGE VIEW FARM	1	64.7	15901	0	648	4.1	521	3.3
GEORGE & FAY COURTER	3	29.6	16190	0	609	3.8	514	3.2
DAVID SNOOK	B3	48.6	14406	0	509	3.5	447	3.1
KEITH L STEIN	B3	32.9	14534	0	512	3.5	442	3.0
DALE + SUSAN JOHNSON	G3	35.7	12732	0	451	3.5	383	3.0

1 **COLUMBIA**

JAN JURBALA	B3	33.3	23329	0	884	3.8	818	3.5
RICHARD KRIEBEL	B3	66.3	22716	0	831	3.7	753	3.3
DUANE E SHUMAN	3	34.0	22113	0	756	3.4	735	3.3
HUNTER CREST FARM	3	69.9	21976	0	798	3.6	725	3.3
VALLEY STREAM FARM	B3	69.7	21344	0	773	3.6	686	3.2
LYONS DEN DAIRY	B3	142.6	20871	0	761	3.6	679	3.3
JOHN W TUROPSKI	G3	32.7	20738	0	831	4.0	676	3.3
SHULTZ BROS	3	67.4	20213	0	807	4.0	671	3.3
J ROBERT BOOK	B3	58.3	21278	0	763	3.6	669	3.1
RICHARD YULE	B3	46.4	19002	0	757	4.0	622	3.3
CARL R STACKHOUSE	B3	44.2	19136	0	648	3.4	620	3.2
JAMES L KLINE	B3	33.3	18343	0	618	3.4	576	3.1
CRAIG FESTER	B3	34.7	17167	0	656	3.8	569	3.3
CLYDE BARTHOLOMEW JR	G3	30.6	18502	0	724	3.9	566	3.1

1 **CRAWFORD**

WIL-AIRE FARM	3	64.4	24989	1	819	3.3	782	3.1
BLACK POND FARMS	3	92.4	24012	0	961	4.0	750	3.1
LINZ FARMS	3	39.4	23994	0	936	3.9	735	3.1
MORRELL FARMS	3	100.1	22681	1	875	3.9	730	3.2
ELAINE A. DUNCAN	B3	34.2	22844	1	790	3.5	723	3.2
DAVID-M NAUGLE	3	18.4	22833	0	895	3.9	715	3.1
MARK + CHRIS CORNELL	B3	39.9	22575	0	807	3.6	705	3.1
ALRIGHT FARMS	3	57.0	22827	1	850	3.7	703	3.1
ALAN & RHONA CUSTEAD	B3	88.6	20926	0	748	3.6	683	3.3
JACK RYND	3	96.9	20558	0	813	4.0	683	3.3
JEFFREY RANEY	3	44.0	21148	0	808	3.8	679	3.2
EARL + BONITA KRIDER	B3	48.9	21769	0	815	3.7	678	3.1
DENNIS B HALFAST	3	44.8	21201	0	812	3.8	675	3.2
BRYAN R MC CURDY	3	33.4	21155	0	797	3.8	675	3.2

1 **CUMBERLAND**

H THOMAS SHEAFFER	3	61.4	22968	0	880	3.8	752	3.3
STEVE + MARY REESE	3	32.3	22631	0	855	3.8	752	3.3

(Turn to Page A35)

Highest Protein Pennsylvania DHIA Herds For November

(Continued from Page A34)

MARK A NAUGLE	3	56.6	22574	0	853	3.8	718	3.2
CURTIS + ANN DAY	3	55.5	21599	0	828	3.8	713	3.3
J PAUL STROCK	3	114.0	22784	0	865	3.8	708	3.1
DONALD A MCCULLOUGH	B3	108.0	20446	0	809	4.0	691	3.4
DAVID R WALTON	3	41.3	21438	0	827	3.9	689	3.2
AL HART HOLSTEINS	3	57.2	21704	0	805	3.7	686	3.2
LONNI A WICKARD	B3	45.0	21737	0	792	3.6	685	3.1
HAROLD E MYERS	B3	65.6	21365	0	783	3.7	684	3.2
GLENN W MYERS	B3	56.5	21795	0	818	3.8	678	3.1
DAVID E GETTLE	B3	46.3	21194	0	849	4.0	677	3.2
GLENN NEWSWANGER	G3	84.7	20861	0	803	3.8	674	3.2
BENT CREEK FARM	8	24.5	21128	0	793	3.8	674	3.2
ROY E SNOKE	3	37.4	21072	0	825	3.9	671	3.2

1 **DAUPHIN**

MY-FAVORITE HOLS	3	55.1	23506	1	837	3.6	737	3.1
CATALPA FARMS	3	134.2	22786	0	825	3.6	719	3.2
CRISSINGER DAIRY FRM	B3	91.6	21248	0	804	3.8	687	3.2
RESTFUL ACRES	3	119.3	20946	0	852	4.1	674	3.2
ELMILLO FARMS	B3	192.3	21475	0	790	3.7	671	3.1
STANLEY R LONG	B3	130.2	21264	0	780	3.7	665	3.1
MAHLON L LEHMAN	3	64.6	20868	0	755	3.6	664	3.2
ALWINE FARMS	B3	82.0	20331	0	789	3.9	660	3.2
JOHN HERTZLER	3	71.3	19936	0	777	3.9	654	3.3
DALE F FAUST	B3	54.4	19882	0	719	3.6	651	3.3
TOBY T FARM	B3	54.0	21059	1	768	3.6	645	3.1
PLEASANT HILL FARMS	B3	70.0	20429	0	774	3.8	645	3.2
ARTHUR BRANDT	B3	96.7	19958	0	766	3.8	644	3.2
STONEY LAWN FARMS	B3	108.4	19883	0	712	3.6	632	3.2
DELMAR+ SUSAN WEAVER	B3	73.1	20248	0	772	3.8	631	3.1

1 **ELK**

PAUL SWANSON	B3	25.1	18591	1	701	3.8	602	3.2
V BELL FARMS	B3	61.5	19124	0	719	3.8	593	3.1
RONALD BUERK	G8	25.7	15890	0	618	3.9	529	3.3
FRED W GREGORY	3	37.6	16156	0	591	3.7	507	3.1
TIMBERS EDGE	B4	21.1	12224	0	571	4.7	477	3.9

1 **ERIE**

CONCORD RIDGE FARM	B8	113.5	23000	0	940	4.1	735	3.2
PAUL AND MATT SENITA	3	49.6	22115	0	912	4.1	715	3.2
FRANK POLLOCK JR	B3	27.4	22785	0	840	3.7	713	3.1
HOW RICH FARMS	B3	70.5	22365	1	822	3.7	712	3.2
BERNARD H ESTER	3	33.5	22656	0	813	3.6	701	3.1
CRAIG SHINKO	G3	56.6	21704	0	785	3.6	673	3.1
WOODS DAIRY	B3	78.9	22087	0	806	3.6	672	3.0
HAROLD-BARB GOODWILL	B3	41.4	20597	0	790	3.8	667	3.2
RONALD L CHAPMAN	B3	41.6	21063	0	786	3.7	661	3.1
PAT FIFER	G3	76.3	20573	1	750	3.6	661	3.2
LIND FARM	B3	55.5	20639	0	766	3.7	658	3.2
ROBINSON BROTHERS	B3	170.0	20953	1	750	3.6	658	3.1
BISBEE FARM	G3	199.1	19973	0	704	3.5	657	3.3
RICHARD GIEWONT	B3	34.6	20609	0	742	3.6	651	3.2
LEO K MC CRAY	G3	112.9	20131	0	748	3.7	648	3.2

1 **FAYETTE**

JACKSON FARMS	3	139.6	20841	0	692	3.3	668	3.2
EDWARD BURNWORTH	B3	54.0	19339	0	692	3.6	657	3.4
R BROWN STONEE-RIDGE	3	57.6	20779	0	737	3.5	652	3.1
LOIS J MARIETTA	3	27.7	18774	0	682	3.6	624	3.3
ROBERT JACKSON	3	96.1	20063	0	741	3.7	620	3.1
ALBERT J FERENS	B3	103.1	20567	0	765	3.7	620	3.0
HERRING FARMS	B3	81.4	19068	0	747	3.9	618	3.2
ORR FARMS	B3	108.3	19848	0	742	3.7	614	3.1
ALLEN HILL DAIRY	3	61.8	18972	0	712	3.8	607	3.2
RALPH HAY	B3	37.9	19203	0	679	3.5	595	3.1
KAMP FARMS	3	86.9	18589	0	673	3.6	577	3.1
ALVIN DIAMOND	B3	98.5	18304	0	651	3.6	566	3.1
ROBERT KOOSER	B3	53.0	16896	0	592	3.5	544	3.2
DETWILER HILL DAIRY	B3	30.9	15271	0	553	3.6	480	3.1
GARY THOMAS	B3	40.4	14871	0	566	3.8	478	3.2

1 **FRANKLIN**

RV + SV HOLLENSHEAD	B3	141.0	26594	0	1056	4.0	853	3.2
ROBERT E HARWOOD	3	117.5	24478	0	927	3.8	757	3.1
STONE HART FARM	B3	117.8	22906	0	733	3.2	723	3.2
DOUG-BARB MC CULLOH	B3	104.9	21889	0	773	3.5	708	3.2
MIKE FLANNERY	B3	88.3	21829	0	745	3.4	705	3.2
STEPHEN J MELLOTT	B3	131.7	22642	0	837	3.7	701	3.1
DALE WADEL	3	93.6	21104	0	816	3.9	684	3.2
ROHART FARMS	3	165.9	21446	0	838	3.9	684	3.2
OAKLEIGH FARMS	3	122.6	20979	0	848	4.0	682	3.3
ROGER A NEGLEY	B3	60.9	21974	0	823	3.7	679	3.1
HORSTDALE FARM	3	114.6	21338	0	790	3.7	676	3.2
JAMES&NINA BURDETTE	3	60.6	21032	0	800	3.8	673	3.2
FRED E & DALE RICE	3	215.8	21207	0	861	4.1	673	3.2
MARCUS&CHESTERMARTIN	B3	93.4	21558	0	799	3.7	671	3.1

1 **FULTON**

LONNIE&BRAD PALMER	B3	117.7	20439	0	777	3.8	675	3.3
J DALE FISCHER	B3	109.7	21223	0	775	3.7	671	3.2
LYNN + JULIE KNEPPER	G3	57.6	21256	1	744	3.5	669	3.1
PURNDALE FARM HOL	B3	28.2	19880	1	794	4.0	647	3.3
KIN DU FARM	B8	107.1	20493	0	793	3.9	644	3.1
HAROLD&HELEN DESHONG	G3	78.1	19311	0	697	3.6	630	3.3
JAN P COWAN	B3	55.6	19398	0	706	3.6	625	3.2
PURNDALE FARM R&W	B8	46.5	19651	1	788	4.0	624	3.2
RICHARD G BARD	B3	49.0	18953	0	702	3.7	606	3.2
MOROTAI FARMS	B3	18.4	19542	0	716	3.7	602	3.1
CREEK VALLEY FARMS	3	21.0	18113	0	645	3.6	598	3.3
WARREN SWOPE	B3	99.0	18300	0	646	3.5	590	3.2
ROARING RUN FARM	G3	61.0	18234	0	690	3.8	586	3.2
RICHARD SIGEL	B3	80.7	18472	0	657	3.6	581	3.1
DUVALL BROS	B3	76.2	18482	1	675	3.6	580	3.1

1 **HUNTINGDON**

TANNERY ROAD FARM	B3	90.9	23258	0	860	3.7	728	3.1
SAMUEL K BYLER	B3	54.9	22136	0	815	3.7	707	3.2
SANGREY FARMS	B3	108.3	21483	0	814	3.8	702	3.3
CHESTER+CAROLE SMITH	B3	124.5	22895	1	805	3.5	699	3.1
COLONIAL FARM ESTATE	B3	62.2	22048	0	779	3.5	690	3.1
DALAND FARMS	3	139.2	21498	0	828	3.9	683	3.2
GERALD & BERN MCMATH	B3	71.6	20719	0	760	3.7	681	3.3
GEARY E SHADE & SONS	3	93.2	20901	0	793	3.8	667	3.2
LOCUST LANE FARM	B3	128.9	21005	0	819	3.9	662	3.2
TIMOTHY R PEACHEY	3	91.1	20513	0	766	3.7	657	3.2
HARRY +ROBIN BARNETT	G3	64.0	20447	0	781	3.8	650	3.2
CARL C+CAROL BARNETT	B3	78.9	20544	0	761	3.7	645	3.1
RAYMOND TUSSEY	B3	43.5	20295	0	686	3.4	645	3.2
BEHRER FARMS	B3	194.2	20858	0	785	3.8	643	3.1
THOMAS A SPICHER	B3	57.0	19834	0	738	3.7	642	3.2

1 **INDIANA**

MILOS & SANDY SINAN	B3	87.5	27045	1	1044	3.9	831	3.1
PAUL & KAREN SHERRY	G8	56.2	23025	0	833	3.6	714	3.1
GRIFFIELD FARMS	G3	69.4	21617	1	758	3.5	681	3.2
BLACK VALLEY FARMS	G3	58.0	21046	1	720	3.4	679	3.2
JERRY NESBIT	B3	108.4	20886	0	790	3.8	677	3.2
NEAL DAIRY FARM	G3	82.7	21079	0	763	3.6	673	3.2
PLEASANT VIEW FARM	G3	119.0	21373	0	803	3.8	667	3.1
DALE & RODNEY BLOOM	B3	123.6	21393	0	805	3.8	662	3.1
ANDY+HOWARD CRAMER	G3	38.6	21120	0	810	3.8	658	3.1
ALAN G MUIR	B3	34.7	20675	0	791	3.8	637	3.1
JIM & BILL COMPTON	3	56.1	20057	0	829	4.1	632	3.1
RON+LINDA PARK	B3	33.5	19389	0	725	3.7	619	3.2
LARRY H MARSHALL	3	19.4	20115	0	729	3.6	617	3.1
HERMAN T DISHONG JR	B3	87.8	19416	1	637	3.3	601	3.1

1 **JEFFERSON**

LONDONDALE FARM	B3	59.4	25379	0	949	3.7	824	3.2
BURK-LIN FARMS	B3	32.8	23754	0	864	3.6	729	3.1
LEE ANN DAIRY FARM	3	33.9	23600	1	804	3.4	728	3.1
LAUREL VALLEY DAIRY	B3	38.2	22112	0	829	3.8	724	3.3
DONALD DIXON	B3	40.7	21483	0	835	3.9	690	3.2
WAY-WIN VALLEY FARM	3	38.1	21823	0	791	3.6	676	3.1
GREGORY L KENNIS	B3	24.3	21615	0	751	3.5	657	3.0
REITZ HAVEN FARM	3	66.1	20511	0	770	3.8	656	3.2
KEVIN/HOLLY PLUMMER	B3	52.5	20020	0	770	3.8	650	3.2
HIGHLAND H FARMS	3	19.2	18907	0	771	4.1	647	3.4
MITCHELLS DAIRY FARM	B3	83.4	20835	0	810	3.9	645	3.1
MOWREYS SPRUCELAWN	3	98.0	20484	0	794	3.9	643	3.1
MICHAEL C VARNER	3	30.5	20663	0	712	3.4	639	3.1
LUTHER BUHITE	G3	128.0	19459	0	769	4.0	634	3.3
VIVIAN FARMS	B3	40.7	19801	0	729	3.7	616	3.1

1 **JUNIATA**

STEVE+BARBARA WILSON	3	32.6	23426	0	865	3.7	731	3.1
SPEERETTE FARM	3	61.3	23267	0	837	3.6	728	3.1
GLEN + TRACEY HENRY	B3	39.2	23511	0	879	3.7	725	3.1
RICK+JEANETTE SANER	3	48.3	21638	0	803	3.7	703	3.2
HAROLD+JEFF KAUFFMAN	3	42.5	21908	0	803	3.7	698	3.2
MELVIN M MARTIN	B3	82.1	21952	0	830	3.8	698	3.2
TIMOTHY E LAUVER	G3	38.0	21600	0	699	3.2	693	3.2
JOHN Z BEILER	3	68.0	21738	0	784	3.6	684	3.1
DONALD Q ADAMS	3	28.7	20967	0	773	3.7	683	3.3
R B + FRANK CRAWFORD	3	52.2	21227	0	839	4.0	681	3.2
MYRON+MARY GEHMAN	B3	37.2	22188	0	779	3.5	679	3.1
HAROLD B SHEARER	3	36.0	21285	0	766	3.6	673	3.2
JOHN M ZIMMERMAN	G3	45.5	20859	0	767	3.7	667	3.2
RAYMOND E KAUFFMAN	B3	61.7	20987	0	778	3.7	657	3.1
R E SHEARER+FAMILY	B3	65.7	21194	0	739	3.5	648	3.1

1 **LACKAWANNA**

PAUL+MARK DARLING	3	51.2	23313	0	878	3.8	751	3.2
ANDREW & GEO YEDINAK	3	53.2	20719	0	830	4.0	674	3.3
FRON BROS	G3	56.3	20898	0	757	3.6	666	3.2
AMASA HILL FARM	B3	103.3	18667	0	720	3.9	623	3.3
JOHN FRON	B3	38.2	19347	0	715	3.7	621	3.2
PAUL MANNING	B3	49.1	17394	0	680	3.9	561	3.2
DANIEL NAYLOR	3	64.8	16626	0	663	4.0	542	3.3
HARRY ALLAN MC LAIN	B3	42.0	15637	0	534	3.4	500	3.2
LEE COURTRIGHT	G3	35.1	15542	0	569	3.7	487	3.1
CARL J ROSIAK	B8	34.2	12410	0	482	3.9	408	3.3
MERLE + ROBERT LEWIS	G3	55.3	12320	0	431	3.5	379	3.1

1 **LANCASTER**

SPRING BELLE FARM	3	46.1	23994	0	918	3.8	765	3.2
HENRY D ZIMMERMAN	B3	50.8	23888	0	815	3.4	760	3.2
J HAROLD FRITZ	B3	146.5	23534	0	891	3.8	753	3.2
DARYL + SAM MARTIN	B3	86.6	23721	0	842	3.5	750	3.2
WALNUT RUN FARM	B3	231.8	24462	1	879	3.6	740	3.0
GLENN E BURKHOLDER	3	66.8	24397	0	971	4.0	738	3.0
VERNON R UMBLE + SON	3	85.0	23089	0	878	3.8	736	3.2
JOHN E COLEMAN JR	3	60.0	23074	0	894	3.9	735	3.2
STEPHEN L HERSHEY	B3	59.3	23519	1	892	3.8	729	3.1
MELVIN ZOOK	B3	74.7	23136	0	881	3.8	725	3.1
SHELMAR ACRES	3	90.5	22561	0	849	3.8	723	3.2
PARKE H RANCK JR	3	56.3	22985	0	899	3.9	720	3.1
DAVID R WENGER	B3	42.4	22919	0	783	3.4	720	3.1
ROBERT L SHELLY	3	49.5	21712	0	858	4.0	711	3.3
KARL W HERR HOLSTEIN	B3	39.4	22249	0	809	3.6	708	3.2

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LAWRENCE

TROTACRE FARMS	B3	38.0	26016	0	889	3.4	829	3.2
MIKE BOHONIK	B3	32.0	22742	0	803	3.5	716	3.1
LEFT-MAC FARM	3	63.8	21508	0	795	3.7	673	3.1
SNYDER DAIRY FARM	B3	92.3	20931	1	754	3.6	669	3.2
KEMLAND FARM	3	79.7	21437	0	774	3.6	668	3.1
JOE W FERRIS	B3	35.6	19377	1	737	3.8	656	3.4
WILSONS DAIRY FARM	B3	49.4	21155	1	726	3.4	656	3.1
PAUL LAWRENCE	3	55.1	20069	0	747	3.7	639	3.2
RED SPRINGS FARM	3	53.8	19502	0	813	4.2	636	3.3
RICHARD J KIND	B3	174.0	19861	0	735	3.7	634	3.2
B TIMOTHY STURGEON	B3	51.5	20126	0	758	3.8	633	3.1
COSGROVE DAIRY FARM	B3	38.9	19688	0	713	3.6	621	3.2
S WELLS MC CREADY	G3	68.1	19372	0	665	3.4	614	3.2
GREEN LANE FARM	B3	61.0	19291	0	696	3.6	613	3.2
ROB MCKISSICK	3	34.7	18789	0	717	3.8	609	3.2

LEBANON

ARNOLD ACRES	3	60.5	25423	0	904	3.6	806	3.2
GARY LENTZ	3	80.7	23952	0	900	3.8	781	3.3
RAYMON & MARLIN GETZ	3	58.3	23254	0	906	3.9	766	3.3
LOUIS E MARTIN	G3	48.3	24192	0	856	3.5	759	3.1
DALE GOOD	B3	88.1	24500	0	912	3.7	752	3.1
BRUCE R HEILINGER	B3	14.3	23042	0	746	3.2	751	3.3
RICHARD+LINDA KRALL	B3	38.3	23022	0	848	3.7	749	3.3
CURVIN+JAY GOOD	B3	93.0	24322	0	873	3.6	748	3.1
VINCENT A WAGNER	3	61.5	22687	0	874	3.9	731	3.2
ARTHUR R KRALL & SON	3	72.8	22414	0	832	3.7	726	3.2
DAVID EUGENE REIFF	B3	54.3	22993	0	845	3.7	725	3.2
RICHARD&RONALD SHIRK	3	71.8	22943	0	840	3.7	724	3.2
RAMONA HOLSTEINS	3	67.6	22864	0	841	3.7	717	3.1
MARK PATCHES	G3	100.4	24547	0	878	3.6	715	2.9
DALE L HOOVER	3	73.5	22154	0	781	3.5	714	3.2

LUZERNE

HILLSIDE FARMS INC	3	73.1	22578	0	882	3.9	715	3.2
JACK+NELSON DENT	3	34.9	21653	0	931	4.3	706	3.3
PAUL STOSS JR	B3	48.9	21909	0	893	4.1	685	3.1
PECORA BROS	B3	210.1	19272	0	717	3.7	642	3.3
DERWOOD&DENNIS MOYER	B3	62.4	20105	0	775	3.9	623	3.1
C K TROXELL FARMS	B3	102.1	19225	0	821	4.3	619	3.2
ROBERT HOUGH	3	54.4	19512	0	777	4.0	610	3.1
MANZONI BROS	B3	92.3	18888	0	747	4.0	602	3.2
MARTIN SMITH	B3	33.9	18590	0	682	3.7	586	3.2
JEANETE CHARLES YOST	B3	31.1	18263	0	665	3.6	578	3.2
FLOYD RINEHIMER	B3	31.8	17891	0	732	4.1	556	3.1
ERIC STEVENS	B3	26.5	16871	0	679	4.0	546	3.2
ROBERT STOLA	G4	13.5	15285	0	667	4.4	544	3.6
ALBERT BROYAN	G3	38.1	16567	0	678	4.1	533	3.2
CHARTER LAND FARMS	B8	22.6	15791	0	551	3.5	527	3.3

LYCOMING

EUGENE W HALL	3	78.4	23578	0	902	3.8	817	3.5
LOST BROOK FARM	B3	155.3	22083	0	840	3.8	723	3.3
RON + LORI HEMBURY	3	64.9	22291	0	829	3.7	714	3.2
STEVEN C& SUSAN NEFF	B3	60.4	22117	0	777	3.5	702	3.2
MARVIN L WALTZ	B3	44.7	21401	0	831	3.9	688	3.2
BOWER CREST FARM	3	33.3	20639	0	765	3.7	683	3.3
SCHON-CREST FARMS	B3	52.0	21031	0	755	3.6	676	3.2
BENJAMIN E MCCARTY	B3	42.6	20150	0	781	3.9	664	3.3
CHA DER DAIRY	B3	48.9	19370	0	738	3.8	664	3.4
SAMUEL & LARRY FRY	3	112.1	20503	0	755	3.7	663	3.2
STEPHEN R WALTZ	G3	77.2	20114	0	719	3.6	656	3.3
JOHN P LEATHERMAN	B3	63.7	20557	0	735	3.6	645	3.1
JOHN SNYDER	3	48.3	19367	0	751	3.9	637	3.3
EDGAR+WILLIAM HUNTER	B3	28.6	19583	0	760	3.9	629	3.2
VOLLMAN DAIRY FARM	B3	53.4	19956	0	701	3.5	626	3.1

MCKEAN

KEN + DOUG COMSTOCK	3	36.2	22096	0	824	3.7	710	3.2
JOHN + LESTER LAPP	3	65.6	21860	0	815	3.7	702	3.2
ALAN KINNEY	3	26.9	20271	0	797	3.9	667	3.3
FRANCIS JR+TIM DYNDA	B3	36.4	21281	0	770	3.6	663	3.1
NEAL D GORDON	3	40.7	19426	0	692	3.6	622	3.2
CHARLES IRONS	8	79.1	18886	0	757	4.0	618	3.3
CHERYL+MATT WINDSOR	B3	30.5	18785	0	722	3.8	615	3.3
PETER CAUSER	B3	41.0	18696	0	676	3.6	589	3.2
BRUCE+PAIGE MILES	B3	43.2	18282	0	684	3.7	576	3.2
MANTZ FARMS	B3	32.6	16844	0	680	4.0	554	3.3
THOMAS SPEES	B3	49.4	17012	0	623	3.7	548	3.2
G-L CARLSON INC NO 4	B3	43.1	17373	0	541	3.1	541	3.1
STRATTON FARMS	3	49.0	16505	0	634	3.8	533	3.2
KEVIN DIBBLE	B3	41.2	16503	0	629	3.8	517	3.1
ROBERT STRAIT	G3	35.6	16300	0	573	3.5	510	3.1

MERCER

ROLLIN+DENNIS JAMES	B3	46.1	23493	1	907	3.9	751	3.2
RALPH + GARY OAKES	B4	15.4	17935	0	889	5.0	724	4.0
RALPH+GARY OAKES	B3	44.1	21943	1	796	3.6	724	3.3
LENGEL BROTHERS	G3	165.0	21289	0	799	3.8	707	3.3
DOUGLAS K ROBINSON	B3	24.0	21732	0	839	3.9	699	3.2
PAULA DELL HOLSTEINS	B3	56.6	21746	1	779	3.6	698	3.2
DALE L KEPNER	B3	40.2	21975	0	839	3.8	694	3.2
J D PHILSON	B3	30.3	22229	1	786	3.5	690	3.1
ARTHUR BAXTER	3	39.9	22113	0	830	3.8	686	3.1
CANON DAIRY	B8	84.0	21480	0	808	3.8	679	3.2
MRS CHARLES ROBINSON	B3	48.0	20471	0	781	3.8	667	3.3
EDWIN C OLSON	G3	26.6	20425	0	767	3.8	664	3.3
HAZEL GANDER	B3	73.0	21304	0	774	3.6	664	3.1
LARRY STEVENSON	G3	42.1	21057	0	725	3.4	657	3.1
DEWANE & WM COULTER	3	89.1	20671	0	766	3.7	654	3.2

MIFFLIN

DAVID C YODER	3	63.1	23960	0	925	3.9	783	3.3
G SHELDON PEACHEY	3	63.6	23168	0	877	3.8	764	3.3
DARREN&CARYN PEACHEY	3	49.9	23117	0	900	3.9	755	3.3
VERN-LEE HOLSTEINS	3	54.2	22783	0	892	3.9	728	3.2
R GLENN YODER	3	84.7	21876	0	847	3.9	722	3.3
DAVID J RUTH PEACHEY	B3	53.8	22193	0	829	3.7	721	3.2
LA FAY FARM	B3	43.0	21687	0	811	3.7	721	3.3
VALLEY VIEW FARM	3	81.4	21166	0	787	3.7	721	3.4
JOHN L KING	3	50.5	22187	0	908	4.1	720	3.2
KISH VIEW FARM	3	109.1	22278	0	865	3.9	719	3.2
Y BROOKSIDE FARM	3	84.4	22009	0	869	3.9	719	3.3
KORE J PEACHEY	3	62.7	21616	1	834	3.9	714	3.3
NOAH B SHARP JR	B3	16.1	20358	0	830	4.1	710	3.5
JOHN SALOMA BYLER	3	47.3	21658	0	852	3.9	710	3.3
LOWELL J PEACHEY	B3	56.5	22145	0	822	3.7	707	3.2

MONTGOMERY

ROBERT HEWITT	B3	31.8	23914	1	752	3.1	740	3.1
PATTY-RUN DAIRY FARM	B3	65.0	21768	0	818	3.8	687	3.2
GEORGE SENEKO JR	3	63.8	20647	0	760	3.7	682	3.3
FRED SEIPT FAMILY	3	105.9	19998	0	707	3.5	638	3.2
RICHARD A BECHTEL	B3	95.3	20033	0	722	3.6	638	3.2
E JAY RENNINGER	G3	113.9	19160	0	695	3.6	621	3.2
EDWIN A POLLOCK	B3	80.7	19226	0	662	3.4	621	3.2
HAROLD K HALTEMAN	3	68.8	19148	0	724	3.8	619	3.2
W B SAUL HIGH SCHOOL	3	22.1	19547	0	718	3.7	618	3.2
ARLIN HALTEMAN	B3	70.3	18609	0	705	3.8	616	3.3
ROY S KOLB & SONS	G3	107.0	19974	0	759	3.8	608	3.0
HAROLD MOSER JR	B3	92.4	18684	0	716	3.8	607	3.3
HALLOWELL FARMS	G3	66.5	18275	0	627	3.4	599	3.3
CORRECTIONAL INDUST	B3	166.6	18530	0	683	3.7	594	3.2
CHARLES RHOADS	3	36.3	18477	0	738	4.0	592	3.2

MONTOUR

CARL R SLATER & SON	3	34.2	25755	0	926	3.6	786	3.1
KEITH T FLETCHER	B3	49.8	22724	0	709	3.1	727	3.2
ED & MARYANN BAKER	B3	74.7	21985	0	833	3.8	703	3.2
RANDY+PAT KITCHEN	B3	51.1	20737	0	791	3.8	686	3.3
MAR-JA FARM	3	153.8	19343	0	815	4.2	672	3.5
DARYL + NANCY LANDIS	B3	74.7	20424	0	790	3.9	667	3.3
DAVID APPLEMAN & SON	G3	26.0	19330	0	746	3.9	617	3.2
WHITEHALL ACRES	G3	39.2	18849	0	700	3.7	584	3.1
PAUL E ROSS	B8	45.6	16987	0	640	3.8	528	3.1
GEORGE FARMS INC	B3	80.2	15969	0	622	3.9	526	3.3
DUANE LAPP	8	65.5	16083	0	627	3.9	523	3.3
ELI Y HOSTETLER	G3	19.8	16503	0	602	3.6	509	3.1
ENOS BYLER	B3	44.4	14939	0	586	3.9	488	3.3
BUCKEYE ACRES	B3	45.1	15187	0	578	3.8	488	3.2

NORTHAMPTON

FRANK MILLER JR	B3	54.4	27659	0	994	3.6	894	3.2
KEYSTONE FARM	3	91.5	25245	0	943	3.7	811	3.2
KARL MILLER	G3	66.4	25115	0	783	3.1	805	3.2
KLEIN FARMS	B3	62.6	24870	0	877	3.5	792	3.2
EXCELSIOR FARM-FLECK	3	77.4	25248	0	821	3.3	789	3.1
RICHARD W SMITH&SONS	3	73.0	22788	0	857	3.8	752	3.3
JOHN BOCKO	B3	59.4	23366	0	905	3.9	744	3.2
JUNIPERDALE FARM	3	73.2	23011	0	834	3.6	737	3.2
BREWER FARMS	B3	74.1	22376	0	826	3.7	716	3.2
THALER FARMS	B3	144.1	21771	0	861	4.0	709	3.3
THOMAS L YOUNG	B3	25.6	20915	0	743	3.6	688	3.3
JAMES HEIMER	B3	29.6	21737	0	779	3.6	673	3.1
PAUL F SMITH	G3	69.8	20911	0	691	3.3	672	3.2
LARRY L SOLT	B3	22.9	20870	1	662	3.2	656	3.1
OTTS OWN FARM	B3	74.1	20801	0	719	3.5	655	3.2

NORTHUMBERLAND

R M D SHULTZ FARMS	B3	87.0	24573	0	934	3.8	780	3.2
NORTH RUSH HOLSTEINS	B8	16.9	24201	0	954	3.9	767	3.2
FRED & TOM STROUSE	B3	60.6	24008	0	898	3.7	740	3.1
GARY TRUCKENMILLER	B3	74.4	22804	0	866	3.8	721	3.2
BRENT BUCKWALTER	3	110.9	21621	0	804	3.7	703	3.3
CLAYTON H SWARTZ	B3	34.5	20870	0	757	3.6	679	3.3
JERRY SMITH	3	47.7	19960	0	734	3.7	650	3.3
ERNEST L WOLFE	B3	60.6	19656	0	771	3.9	621	3.2
WAYNE KLOCK	G3	32.1	18399	0	696	3.8	602	3.3
GARVIN SCHAFFER	3	37.1	19031	0	635	3.3	598	3.1
SHOCH MANOR FARMS	B3	90.3	18959	0	701	3.7	595	3.1
LUKE N REBUCK	G3	40.4	19014	0	749	3.9	593	3.1
WILLIAM A BETZ	B3	71.1	18080	0	672	3.7	583	3.2
MATTHEW A LUCAS	B3	44.5	17456	0	653	3.7	576	3.3
PAUL SCHMIDT	B3	95.7	17312	0	625	3.6	571	3.3

PERRY

RICHARD METZ JR	3	34.2	22941	0	866	3.8	738	3.2
KENNETH R BENNER	3	68.9	22263	0	857	3.8	703	3.2
MELVIN S WEAVER	B3	89.2	22018	0	810	3.7	680	3.1
EARL E BRUBAKER	3	54.6	21703	0	803	3.7	677	3.1
NEVIN G RICE	B3	109.3	21060	0	768	3.6	672	3.2
PERRY VALLEY FARM	B3	48.2	21583	1	773	3.6	670	3.1
O'TOOLE BRO'S	B3	49.2	20391	0	757	3.7	666	3.3
BENJAMIN E DUM	3	47.7	20109	0	774	3.8	662	3.3
DAVID H WELLER	B3	64.8	19956	0	764	3.8	657	3.3
DEAN & ERIC MCMILLEN	B3	85.0	20136	0	716	3.6	655	3.3

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TROUT BROTHERS	B3	108.0	19948	0	758	3.8	649	3.3
CLARK W BOWER	B3	102.0	20678	0	750	3.6	648	3.1
MARTIN BROTHERS	3	197.7	20366	0	786	3.9	643	3.2
ED + WILMA MCMILLEN	3	47.8	19954	0	728	3.7	642	3.2
CARL E MC MILLEN	3	85.4	21171	0	775	3.7	640	3.0

1 **POTTER**

DALE HOFFMAN + SONS	B3	102.3	22708	0	865	3.8	770	3.4
IVAJEN FARMS	3	98.9	22590	0	904	4.0	767	3.4
IVAN SMOKER & SONS	3	108.5	23294	0	931	4.0	762	3.3
TITUS & DAVID RISSER	B3	105.6	22419	0	891	4.0	734	3.3
JACK THOMAS SR	B8	80.2	21584	0	841	3.9	723	3.4
DONALD THOMPSON	3	58.9	21900	0	842	3.8	720	3.3
GUY DUNN	3	56.0	20802	0	819	3.9	710	3.4
JOHN C TRAUB	G3	39.7	21922	0	818	3.7	704	3.2
KEVIN RISSER	B3	147.5	21305	0	838	3.9	688	3.2
RON+CANDY COONEY	3	64.5	21221	0	848	4.0	676	3.2
SCOTT BUCHSEN	B3	33.5	20999	0	739	3.5	663	3.2
R-ONN FARMS	3	84.4	21156	0	735	3.5	657	3.1
JOHN-CAROL FOWLER	G3	55.1	20468	0	681	3.3	649	3.2
FRED RISSER	B3	57.6	20247	0	801	4.0	644	3.2
RODNEY LANE	G3	40.9	19228	0	674	3.5	644	3.4

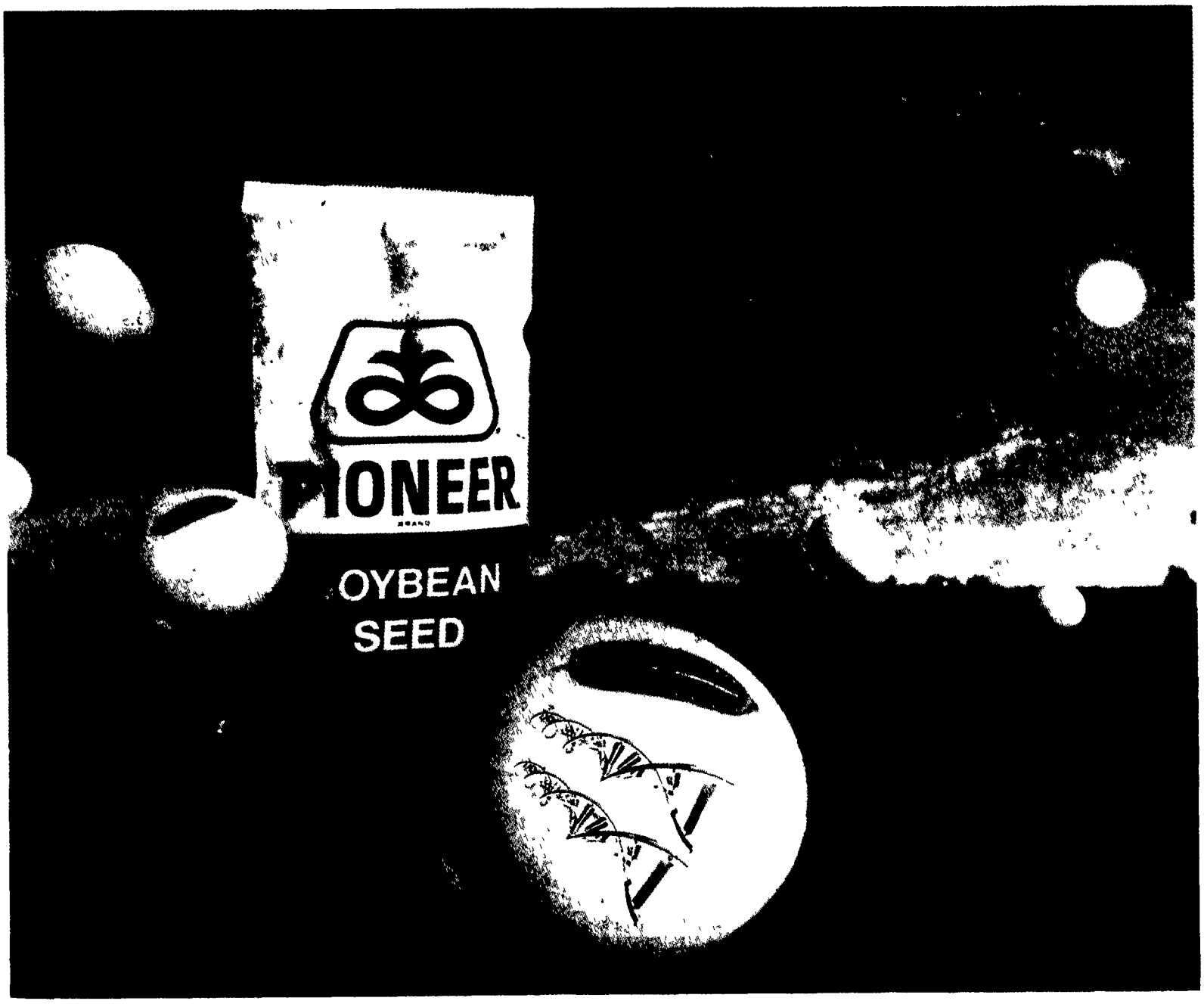
1 **SCHUYLKILL**

CARL A FARMS INC	3	68.1	27329	1	965	3.5	867	3.2
BRIAN RUCH	3	45.7	26141	0	961	3.7	851	3.3
JAMES D DUNN	B3	53.7	26963	0	987	3.7	848	3.1
MILLER & REX INC	3	34.1	26424	0	982	3.7	842	3.2
JAMES RODICHOK	3	70.1	23667	0	849	3.6	773	3.3
RANDY MILLER	B3	30.2	22911	0	848	3.7	764	3.3
SUNTRAIL DAIRY FARM	3	74.3	21549	0	796	3.7	693	3.2
KURTZ DAIRY FARM	B8	71.3	21230	0	620	2.9	683	3.2
SNYDER BROTHERS	3	68.8	21034	0	773	3.7	677	3.2
BRUCE LEATHERMAN	B3	78.8	20579	0	794	3.9	671	3.3
WILBERT MOYER	3	42.8	20833	0	773	3.7	663	3.2
JAMES HEPLER	G3	66.4	20356	0	762	3.7	660	3.2
BURDELL TROXELL	B3	34.9	19744	0	714	3.6	633	3.2
CLAIR GARMAN	B3	43.1	19583	0	707	3.6	620	3.2
FIDLER FARM	B3	54.8	18325	0	673	3.7	608	3.3

1 **SNYDER**

TIM-LAURIEHACKENBERG	3	46.6	23144	0	929	4.0	751	3.2
PASTURE GREEN FARM	3	38.3	23713	1	861	3.6	748	3.2
JL & CL SHAFFER	3	36.6	22943	0	937	4.1	737	3.2
SEVEN OAKS	B3	52.2	23119	1	858	3.7	734	3.2
JESSE J YODER	B3	75.0	22339	0	869	3.9	726	3.2
GLENN & BARB CARPER	B3	51.0	22380	0	839	3.7	717	3.2
CHRISS+TRISH NIPPLE	3	62.0	21541	0	860	4.0	710	3.3
SAUDERDALE FARM	B3	50.9	22363	0	874	3.9	707	3.2
DARE E LAND	B3	20.7	22320	0	832	3.7	706	3.2
D&N HORNBERGER	B3	33.0	21795	0	778	3.6	685	3.1
ER+KA FARMS	B3	59.9	22392	0	756	3.4	680	3.0
MABARBIL FARMS	3	84.3	20302	0	777	3.8	670	3.3
ALVIE D COOK	B3	79.3	21690	0	747	3.4	666	3.1
RANDOLPH A HOFFMAN	3	45.4	20594	0	804	3.9	661	3.2
J+G +K+J BLANK	B3	65.8	20675	0	811	3.9	659	3.2

(Turn to Page A38)



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Not all soybeans are created equal. Pioneer® brand soybeans start with leading genetics that offer greater disease resistance and performance. Through a strong commitment to research, Pioneer is proving that better genes make for better beans. That's why soybean growers have made Pioneer varieties the number one planted brand. And now they're also available in bulk. Ask your Pioneer sales representative for the varieties right for your fields.

On-Foot, On-Rail Beef Evaluation Set

LEESPORT (Berks Co.) — Beef producers in southeast Pennsylvania are invited to participate in a beef evaluation program where live animals and their carcasses will be evaluated.

The live evaluation will be held on January 19, 7 p.m. at Leesport Farmer's Market on Route 61, north of Leesport. The carcass evaluation will be held on January 21, at 7 p.m. at Peters Bros. Meats in Lenhartsville.

Sponsored by Penn State Cooperative Extension in southeast Pennsylvania and the Berks/Southeast Cattlemen, the event will help sharpen producer's judging eye. It will also allow breeders to evaluate the genetic characteristics of their herd and feeders to evaluate their feeding program.

On Tuesday evening, January 19, each animal will be evaluated for overall beef characteristics and quality grade, yield grade, muscling, and fat. Lynn Schwalm, livestock buyer, will help evaluate the live animals.

On Thursday, January 21, Dr. William Henning, Penn State extension meat specialist, will evaluate each carcass for dressing percentage, marbling score, maturity, quality grade, rib eye area, fat over rib, and yield grade.

The cost to bring an animal is $20, which will be used as membership in the Berks/Southeast and Pennsylvania Cattlemen groups.

For more information or to register, contact Clyde Myers, Berks County Ag Center, P.O. Box 520, Leesport, PA 19533-0520, (215) 378-1327.

Highest Protein Pennsylvania DHIA Herds For November

(Continued from Page A37)

SOMERSET

NORTH VIEW FARM	3	95.9	26307	1	906	3.4	882	3.4
GARY & NANCY LYNCH	3	76.9	23242	0	867	3.7	771	3.3
STONEY ACRES FARM	B3	50.9	23883	0	840	3.5	768	3.2
GEORGE C STAHL	B3	65.4	23631	0	933	3.9	762	3.2
CARRDALE HOLSTEINS	3	89.0	22973	0	869	3.8	755	3.3
GRANDVIEW FARM	B3	101.0	24057	0	901	3.7	755	3.1
DOUGLAS J HILLEGASS	B3	82.1	23142	0	825	3.6	739	3.2
HARRY MOSHOLDER	B3	34.9	21881	0	837	3.8	726	3.3
REINANDALE FARM	3	52.9	23484	1	830	3.5	725	3.1
CLARADALE FARMS	3	72.1	22594	0	881	3.9	720	3.2
WILLIAM E HUNSBERGER	B3	78.3	21455	0	759	3.5	720	3.4
HILLMONT	3	111.5	21909	0	842	3.8	715	3.3
LATUCH BROS	3	114.9	21914	0	906	4.1	708	3.2
ROCKY RIDGE FARM	B3	66.9	20848	1	792	3.8	701	3.4
LANDSDOWN FARM	3	89.1	21614	0	766	3.5	698	3.2

SULLIVAN

RICHARD R HIGLEY	3	86.5	24311	0	893	3.7	784	3.2
ROBERT INSINGER	B3	56.0	24032	0	893	3.7	774	3.2
MOUNT-TOP-VUE FARM	B3	61.5	22448	0	929	4.1	710	3.2
D AND D HOTTENSTEIN	3	67.2	21228	0	857	4.0	702	3.3
SILVERSTRIM FARMS	B3	76.0	21231	0	817	3.8	690	3.2
HIGH HART FARM	B3	113.1	20097	0	820	4.1	684	3.4
RAYMOND NORCONK	3	40.3	22205	0	833	3.8	683	3.1
WARBURTON FARMS	B3	108.3	20158	0	779	3.9	657	3.3
K WILL FARM	B3	32.7	19190	0	822	4.3	627	3.3
JEFF GOCHNAUER	B3	36.0	18912	0	740	3.9	619	3.3
CARR + STANTON	B3	57.6	18852	0	685	3.6	609	3.2
CHERRY ACRES FARM	B3	52.4	18899	0	818	4.3	609	3.2
ROBERT+JAY WOODHEAD	B3	35.7	18852	0	739	3.9	603	3.2
LAMBERT FARMS INC	3	192.0	18085	0	670	3.7	577	3.2
ROY BENNETT	B3	36.7	17607	0	734	4.2	572	3.2

SUSQUEHANNA

PEASE FARMS	3	78.7	25702	0	904	3.5	813	3.2
COUNTRY HEAVEN FARMS	B3	101.9	24886	0	834	3.4	786	3.2
THOMAS TRAVER	3	24.3	24235	0	855	3.5	784	3.2
ANDREW HUBAL	3	61.5	24612	0	945	3.8	774	3.1
DARYL BUTTON	B3	34.8	23210	0	800	3.4	746	3.2
JOHN CASTROGIOVANNI	3	114.1	22407	0	843	3.8	735	3.3
CHARLES CLARK	B3	52.1	22941	1	727	3.2	734	3.2
FRANCIS HIBBARD&SONS	3	83.1	22044	0	940	4.3	704	3.2
JIM ROGERS	B3	54.5	21401	0	835	3.9	698	3.3
R M SHIPSKY & SONS	3	62.4	21521	0	782	3.6	693	3.2
LYLE SHERMAN	G3	35.4	22055	0	655	3.0	688	3.1
EMPET FARMS	B3	56.7	20671	0	742	3.6	682	3.3
LONGACRE FARM	3	50.4	21520	0	830	3.9	682	3.2
WALTER E BROOKS	3	114.8	20184	0	759	3.8	675	3.3
COLEMAN CREST	3	50.4	21067	0	771	3.7	674	3.2

TIOGA

EMERY-RICK DAVIS	B3	57.0	23827	0	870	3.7	777	3.3
GOR-WOOD-D	3	170.0	23305	0	840	3.6	752	3.2
MIKE BUCKWALTER	3	50.2	22140	0	774	3.5	728	3.3
HENRY&KELLY SHERMAN	B3	40.4	22444	0	774	3.4	726	3.2
GLENN BOWEN	3	32.6	21083	0	782	3.7	704	3.3
DAVE+DONNA CLEVELAND	G3	42.1	21429	0	750	3.5	698	3.3
THOMAS&BRENDA PEPPER	B3	39.3	20961	0	760	3.6	697	3.3
CHARLES&DORIS PORTER	3	57.2	21498	0	809	3.8	696	3.2
CLIFFORD BRACE	B3	61.6	21453	0	774	3.6	686	3.2
PAUL OAKLEY	G3	70.2	20210	0	735	3.6	678	3.4
SCHNELWAY FARMS	3	48.1	21497	0	813	3.8	678	3.2
DON MATTISON	B8	19.3	21013	1	721	3.4	672	3.2
SWEETBRIAR ACRES	B3	74.7	20753	1	733	3.5	671	3.2
ROY A SCHANBACHER	3	70.6	20332	0	761	3.7	667	3.3
LARRY & MARY HERMAN	B3	89.4	20467	1	777	3.8	665	3.3

UNION

BUFF RUN FARM	B3	45.7	23831	0	931	3.9	767	3.2
LOCUST-ROW-FARM	B3	75.7	22607	0	865	3.8	749	3.3
ALLEN & LINDA WEHR	3	66.3	22569	0	812	3.6	725	3.2
MIFFLIN HILLS FARM	3	53.6	22960	0	828	3.6	714	3.1
HILL CRAFT FARM	B3	48.0	21530	0	814	3.8	706	3.3
MELVIN Z NUSSER	B3	38.8	21967	0	804	3.7	691	3.1
IVAN B MARTIN	B3	46.1	21569	0	808	3.7	677	3.1
JOHN R WALTER	G3	32.5	22347	0	774	3.5	676	3.0
GERALD + KATHY BOOP	3	27.9	20901	0	759	3.6	671	3.2
KENNETH BEILER	3	69.2	20478	0	803	3.9	664	3.2
JONAS R ZEISET	B3	55.5	20863	0	728	3.5	657	3.1
KORE M YODER	B3	46.5	21258	0	767	3.6	650	3.1
IRA R ZIMMERMAN	B3	33.6	20812	0	755	3.6	650	3.1
HARMONY SPRINGS FARM	B3	71.8	21312	1	806	3.8	648	3.0
WILDWOOD VALLEY FARM	3	14.3	20465	1	807	3.9	647	3.2

VENANGO

ROLLING SPRING FARM	3	63.3	23032	0	843	3.7	741	3.2
MITCHELL DAIRY	B3	79.8	20981	0	815	3.9	671	3.2
DICK-MAR FARMS	B3	163.3	21678	0	791	3.6	671	3.1
GAYLORD R WAGNER	B3	60.4	20481	0	706	3.4	650	3.2
LARRY E TAYLOR	3	54.1	19160	0	723	3.8	645	3.4
PAUL E RUNNINGER	3	24.8	19658	0	765	3.9	627	3.2
DAVID YARNELL	B3	33.9	17681	0	697	3.9	567	3.2
MINERAL RIDGE FARM	G3	39.1	16614	0	653	3.9	532	3.2
WAYNE DEETER & SONS	B3	80.8	16648	0	606	3.6	530	3.2
JOE MC COY	G8	33.2	14598	0	585	4.0	475	3.3
SUNSET FARMS	G3	31.0	14941	0	530	3.5	467	3.1
WARREN THOMAS	B8	37.2	14747	0	560	3.8	466	3.2
HAROLD V RIDDLE	B4	39.2	12338	0	583	4.7	449	3.6

WARREN

FOGGY MEADOWS FARM	B3	67.6	23925	1	807	3.4	743	3.1
DOUG+DIANE HASTINGS	B3	31.7	22396	0	867	3.9	715	3.2
MAPLE PLACE FARM	3	50.0	22569	0	829	3.7	712	3.2
TWIN STATES FARM INC	B3	218.0	21611	1	801	3.7	671	3.1
RONALD HUNTER	B3	19.8	21714	0	753	3.5	668	3.1
FLOYD BEARDSLEY	3	42.3	21358	0	820	3.8	664	3.1
BRUCE &SUZIE LINDELL	G3	83.1	20574	0	742	3.6	659	3.2
DENNIS LINDELL	G3	65.0	20609	0	722	3.5	653	3.2
RAYMOND LAWSON	G3	115.4	21237	1	712	3.4	650	3.1
BARRY VAN ORD	B3	36.2	20461	0	720	3.5	644	3.1
GLA DON FARMS	3	53.7	20252	0	709	3.5	626	3.1
JEFF LINDELL	3	77.9	20298	0	717	3.5	626	3.1
GARY STODDARD	B3	46.5	19786	0	701	3.5	618	3.1
HI LAND VU FARM	G3	85.1	19564	1	662	3.4	605	3.1
POVERTY HILL FARM	3	44.3	18863	0	702	3.7	603	3.2

WASHINGTON

RANKIN FARM	3	21.6	24340	0	912	3.7	779	3.2
HAMILTON BROS	B3	105.9	22207	1	787	3.5	689	3.1
MORGAN GLO FARM	B3	56.0	21696	0	753	3.5	684	3.2
GAPEN BROS	B3	91.5	20732	0	735	3.5	663	3.2
OBRIEN FARM	B3	40.0	21639	0	750	3.5	659	3.0
JOHN H SCOTT	3	82.3	19951	1	711	3.6	647	3.2
RANKIN FARM	4	33.6	16934	0	840	5.0	633	3.7
TURNER FARMS INC	B8	26.7	20140	0	880	4.4	630	3.1
LINN F HAMILTON	3	70.9	20153	0	648	3.2	630	3.1
MILLERVALE FARM	3	63.0	20476	0	784	3.8	629	3.1
BEDNARSKI FARMS	3	70.3	20249	0	758	3.7	625	3.1
JOHN & J E MARCHEZAK	3	85.3	19674	0	738	3.8	621	3.2
AIRYHURST FARM	3	46.0	19632	0	731	3.7	619	3.2
W KENN & W REX SMITH	3	54.0	18379	0	717	3.9	598	3.3
WM G DINSMORE	B8	27.0	18410	0	667	3.6	589	3.2

WAYNE

KEVIN BURLEIGH	3	44.5	22379	0	854	3.8	735	3.3
GARY FIELDING	3	34.7	23055	0	844	3.7	734	3.2
RICHFIELD FARMS	B3	85.5	22071	0	763	3.5	693	3.1
HIGHLAND FARMS	3	66.5	21669	0	796	3.7	682	3.1
ALLAN SCHMAKENBERG	B3	60.0	19949	0	728	3.7	653	3.3
RONALD J MAYESKI	B8	24.9	19783	0	629	3.2	651	3.3
SUNRISE+AVE FARM	B3	43.0	19735	0	734	3.7	649	3.3
JAMES SLOCUM	3	22.0	19089	0	721	3.8	644	3.4
ROWE BROS	3	96.0	20107	0	879	4.4	642	3.2
JACK AND ELLA CHYLE	B3	67.7	19625	0	690	3.5	641	3.3
CARL SHEPSTONE	B3	65.5	19815	0	719	3.6	639	3.2
JERICHO DAIRY	B3	48.5	19651	0	733	3.7	636	3.2
PAUL HARRISON & SONS	B3	32.5	19159	0	666	3.5	629	3.3
AL-MAR FARM	B3	41.0	19404	0	737	3.8	621	3.2

WESTMORELAND

ADAM S & JANICE DERR	B3	60.3	22821	1	832	3.6	724	3.2
HARRY R MARKER	3	75.1	22151	0	800	3.6	713	3.2
JAMES E MC QUAIDE	3	64.2	21273	0	875	4.1	679	3.2
CATALINA DAIRY	B3	154.9	21454	0	770	3.6	672	3.1
WILLIAM BUTTERMORE	3	42.6	21943	0	721	3.3	668	3.0
JOHN & ROBERT GRAHAM	B3	53.8	20732	0	728	3.5	644	3.1
OVERLEA FARMS	3	122.4	19803	0	673	3.4	644	3.3
KEITH C WALTERS	B3	44.5	20728	0	830	4.0	638	3.1
KATHY&ALVIN VANCE JR	3	28.7	19478	0	787	4.0	633	3.3
ROBERT M FINK JR	B3	42.9	18481	0	689	3.7	582	3.1
RICHARD G STONER	B3	53.8	18671	0	703	3.8	579	3.1
WARYANKA BROTHERS	B3	50.7	18817	0	749	4.0	579	3.1
JAMES D RUGH	B3	71.1	17419	0	666	3.8	561	3.2
RICHARD LOVE	B8	51.5	17070	0	671	3.9	546	3.2
JOHN R WIGLE	B3	134.1	16978	0	575	3.4	542	3.2

WYOMING

DAVID MATTOCKS	3	43.6	24698	0	905	3.7	791	3.2
WAYNE-ROGER SHERWOOD	3	65.2	22103	0	846	3.8	716	3.2
RICHARD PLACE	3	60.9	20311	0	775	3.8	654	3.2
ROGER S WILLIAMS	B3	63.9	18816	0	781	4.2	647	3.4
SHUPPS FARM	3	51.4	19064	0	737	3.9	627	3.3
JOHN CHRIST	G3	34.1	19382	0	791	4.1	627	3.2
TOM SANDS	3	59.5	19680	0	735	3.7	627	3.2
INSINGA HOLSTEINS	3	74.3	19107	0	707	3.7	624	3.3
R + W KUZMA FARM	B3	53.5	19544	0	719	3.7	622	3.2
WILLYE HOLSTEINS	B3	57.7	19110	0	694	3.6	617	3.2
ARROWHEAD FARM	3	28.2	17846	0	665	3.7	583	3.3
PEARLSTREET	B3	60.3	18190	0	642	3.5	578	3.2
DOOLITTLE HILL FARMS	B3	68.0	17923	0	665	3.7	573	3.2
TWOGETHER FARM	B8	54.9	17311	1	650	3.8	567	3.3
FOSTER L CONSTABLE	3	45.9	17049	0	656	3.8	558	3.3

YORK

SMYSERS RICHLAWN FMS	3	75.7	25863	0	914	3.5	793	3.1
LYNN WOLF	3	87.2	24571	0	807	3.3	792	3.2
H S & R E FETROW	3	91.5	23522	0	802	3.4	748	3.2
THOMAS A BOYER	3	42.2	23232	0	903	3.9	746	3.2
BESHORE FARMS	3	45.1	23364	0	907	3.9	743	3.2
LEONARD GREEK	3	46.5	23037	0	862	3.7	737	3.2
WALK LE HOLSTEINS	B3	79.0	22794	0	759	3.3	721	3.2
RAMSEY S COOPER JR	3	71.0	23597	1	865	3.7	715	3.0
SINKING SPRING FMINC	3	64.5	22755	0	840	3.7	710	3.1
WAYNE E MYERS	3	48.8	22223	0	838	3.8	704	3.2
FURNACE CREEK FARM	3	134.3	22081	0	779	3.5	698	3.2
MELVIN R LEHR	B3	53.3	22188	0	773	3.5	691	3.1
EDWIN L CALHOUN	B3	58.5	21545	0	836	3.9	677	3.1
R R & M R STEWART	3	62.1	21777	1	723	3.3	671	3.1
DALE E RANCK	3	45.9	21026	0	753	3.6	670	3.2

Kreager Farm

(Continued from Page A23)

walker, a movable device for using vacuum to take the milk to the tank. In 1986 they put in a pipeline.

The farmstead — the house and buildings — are located along the base of the southern exposure of a long mountain ridge. The fields extend toward the mountain and down to the valley bottom.

The old public farm road splits the farm.

The house, which was expanded from and incorporates the original log structure; and an old, chestnut-wood beamed, bank barn, which is used to store hay and equipment, are on the downhill side of the road.

On the upslope side of the road are the dairy barn, pasture, and equipment and other storage buildings.

A short row of large pine trees serve as windbreak for the house. Some other pines are also standing elsewhere on the property. They were planted by Ken's grandmother.

Standing at the entrance to the barn, Ken said, "I can remember my grandmother planting them. I was 3 years old." He added that she had started them near the house and later transplanted them to other parts of the property.

"My grandmother was a great gardner," Ken said, his Pennsylvania Dutch accent noticeable, but also different from that in more southern counties.

"She used to load hay too, and I remember her being up in the mow," he said pointing up. "She used to help with that."

Then he talked about the barn itself, its construction and uses and changes and past practices.

"In this area it was common practice to take the wheat in and stack it on the barn floor for two to three months until the thrashing unit would come along," he said.

"The first year I done some thrashing with the old cradle (scythe) and I tell people, if nobody appreciates the modern machinery, I do."

Kreager has a lot of memories of the early days with his grandparents. He said he was raised using horses to plow fields.

He said he would still have some of the old hitches and horse-drawn equipment, but when the newer expensive tractors and other equipment became available, there wasn't enough room in the buildings to store it all.

The older horse-drawn equipment was left out in the weather, and it eventually went to pieces.

On the farm are two old railroad station houses which his grandfather bought after the old Susquehanna-Schuylkill Railroad line went out of business.

The buildings are still on the farm and used for equipment storage.

Beatrice rode the train to visit relatives. Chestnut and other lumber was used for mine timbers and. It was an important mode of transportation of people and goods.

Ken said that neighbors used to go to Auburn to pick up cattle from the train, and they would drive them up to valley out to their farm.

Other memories of growing up include Harry Poorbaugh, the extension agent who came and helped his grandfather lay out contour strips to reduce erosion;

•his grandfather unloading lime from railroad cars and getting feed at a small mill once a month;

•the once-a-year extension program at the Grange Hall or Cressona School where the agent would talk about progressive farming and also show a comedy movie ("It was held in the fall and I really looked forward to it," Ken said.);

•Poorbaugh's 15-minute extension radio program which begun being broadcast out of Pottsville right after World War II;

•the first trip to the Farm Show.

On the Kreager farm, and in that area of the county, the separation of new ways and old ways isn't as clearcut as in most of Berks or Lebanon counties.

The pace seems slower.

There are more old structures standing.

And it seems as though a higher percentage of the community traces several generations to the area.

Compared to the more southern and eastern communities, which are now called bedroom communities, many people who live near the Kreagers were born and raised there.

Ken knows his neighbors. Knew them all his life. They are his best friends. He and they helped shovel the roads out in winter before snow plows were used. Each farm would shovel out its section of roadway.

Like the farm road which winds through the valley and connects the neighboring farms, there seems to be a continuum of thought from past to present in people like Ken and Beatrice.

Like many family farms, the history of the Kreager farm shows its symbiotic relationship to the surrounding community.

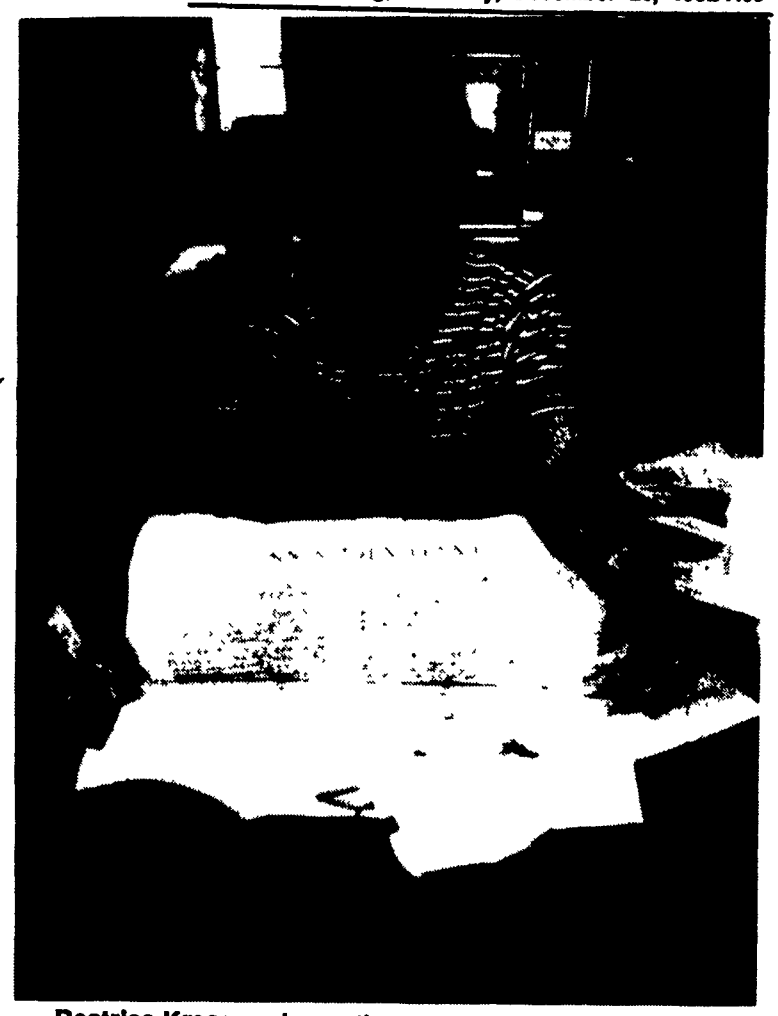
Currently, Kreagers sell milk, hay and grain crops. They have a herd of 24 tall, well-uddered Holsteins, half unregistered. Ken said that if it wasn't for Arlene and Beatrice he wouldn't have them now. He spends most of his time helping with planting and harvesting and other work, but doesn't milk.

Son Robert does a lot of field work and also sells seed locally. Arlene and Beatrice take care of the dairy herd.

The herd is not on test with the state Dairy Herd Improvement Association, but they ship milk to a local dairy processor and fare well enough with the additional income from selling mixed hay in Wilmington, Del., to horse owners, and whatever else they don't need for the dairy herd.

This past year, they grew about 20 acres of soybeans, 110 acres of corn, 60 acres of oats, 50 acres of wheat, and 80 acres of mixed hay.

The farm products go to different areas for processing and then distribution. Some come back to the community, but from the local grocery store nobody can really trace where a specific egg was laid, or whose cows produce the milk.



Beatrice Kreager shows the original land deed from William Penn's sons, Thomas and John.

It wasn't always that way.

The English, Irish and European descent-dominated coal towns (patches to locals) used to provide a strong and steady market for farm products.

During the Great Depression, before they were married, Ken said it was tough at the farm, but it was tougher in the city where Beatrice lived. Her father was a painter.

"Beatrice grew up in a small town and we were better off (living on the farm)," Ken said. "We always had something to eat and could pay taxes. We had a hired man who worked for $1.25 a day, six days a week," Ken said.

The coal work is all but gone, though the ravages remain throughout the state and diminish the potential for great tourism because of dangerous deep mines pocketing hills, strip mine scars and thin soil, mine acid-water and black coal silt, and the toxic heavy metals associated with mine waste.

What remains, yet, are the Kreagers and their neighbors, their memories, and their children.

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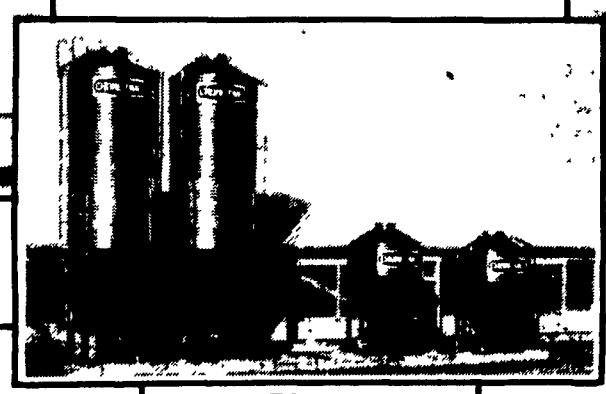

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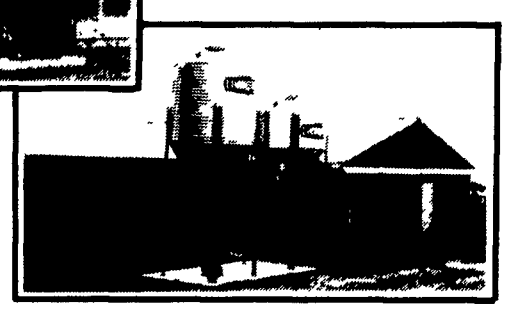

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Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

DECEMBER

WED. DEC. 30 - 1:30PM, Belleville Livestock Auction. Complete Milking Herd Dispersal. Consigned By, Mr. Sam Rishel For Information Call: Gene Glick, 717-667-2703.

SECHRIST AUCTION
RESCHEDULED!

The Dec. 12th Auction By Bob & Tom Sechrist, Which Was Cancelled Because Of Storm Damage At Chanceford Hall Has Been Rescheduled.

SATURDAY, JANUARY 2, 1993
8:30 A.M.

To be held within Chanceford Community Bldg., Brogue, York County, PA. Rt. 74 southeast from Red Lion approx. 8 mi. to Brogue Post Office. Turn right and go ¼ mi. to hall on left.

The Entire Consignment Which Had Been Scheduled For Dec. 12th, Plus Additional Goods Which Have Built Up Since Then. Hall Will Be Ram-Jammed Full! We Will Run Two Auctioneers In The Forenoon.

Terms: Cash To Strangers. Checks w/Acceptable I.D.

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Kurt Contres, Apprentice Auctioneer
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Wed., Dec. 30, 1992

BRIAN D. RUCH, Andreas, PA

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Milks 44 registered Holsteins; 26,214 milk, 966 fat, 848 protein. Purchased a 2032 Harvestore structure one year ago and experienced a substantial increase in production since feeding Harvestore high moisture corn. The cows are fed baled hay, corn silage and high moisture corn in a tie-stall barn.

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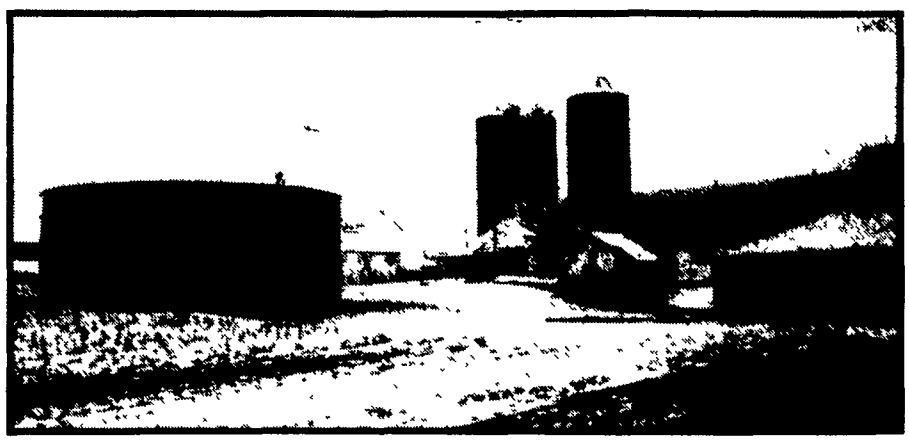
2070 Harvestore 2059 Harvestore 2077 Harvestore

Home of top Junior 4-Year-Old in the nation, Wynding Brook Chairman Sue. Finished 305-day lactation with 41,710 milk, 1489 fat and 1177 protein. The herd of 54 Holsteins receives haylage, cornlage and high moisture shelled corn in a total mixed ration, from three Harvestore structures. Herd average is 26,390 milk, 965 fat and 829 protein.

DEAN, SCOTT, JOHN & BRUCE LEIBY, Tamaqua, PA

2080 Harvestore 2580 Harvestore 6223 Slurrystore

The Leiby brothers 90 Holsteins receive a ration of Harvestore haylage and high moisture shelled corn along with some corn silage. Corn, alfalfa and soybeans are grown on the 700 acres. The dairy animals are housed in a free-stall barn. Manure is stored in a newly-erected 6223 Slurrystore structure.



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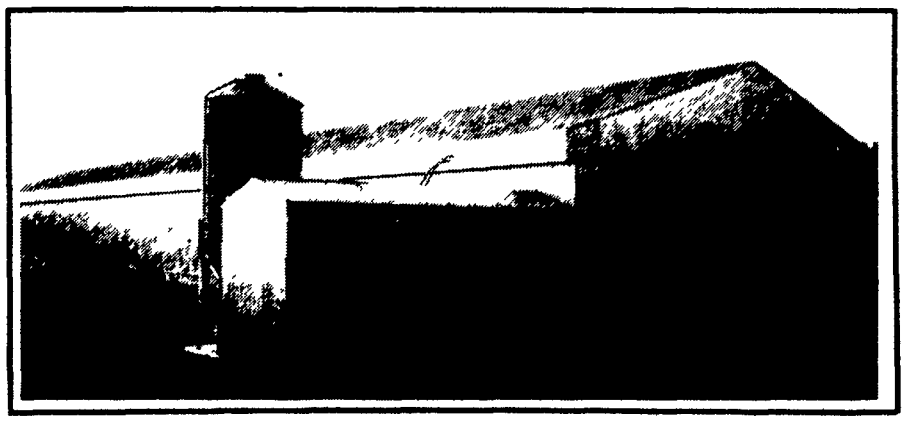

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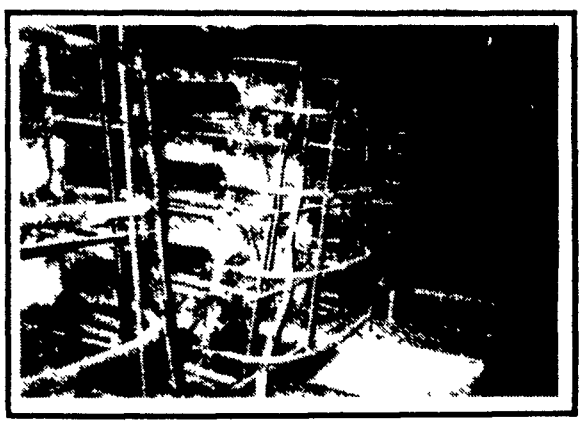


CHORE-TIME® Turbo

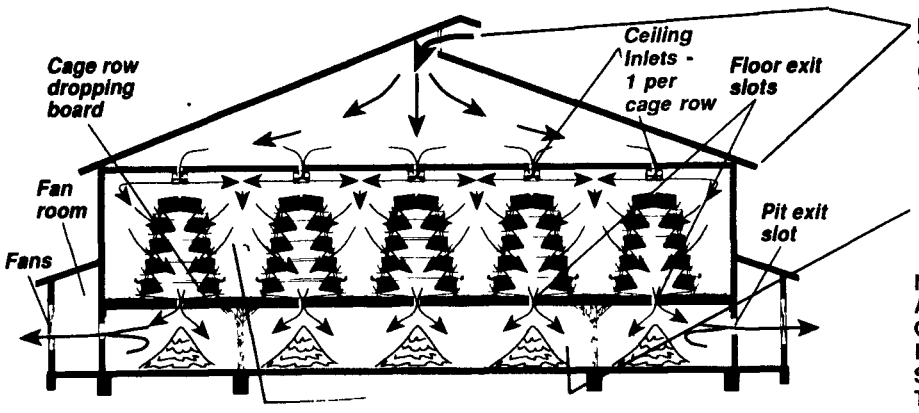
System Features Solid Plywood End Decks And Walkways So That All Ventilation Air Is Forced Through Cages And By Birds.

CHORE-TIME® Turbo

Scraper System With Air Slot To Pit. Features Stainless Steel Blades, Solid Rod Frames And Stainless Cable. Manure Is Scraped Off Plywood Dropping Boards Under The Bottom Tier Of Cages

CHORE-TIME® Turbo

VENTILATION Negative Pressure House



Note: Air Can Be Introduced To Attic Fan At Either The Peak Or The Sides Of The Building Truss Overhang.

Note: All Walkways Have Equal Amounts Of Incoming Air That Must Pass Through Cages Across Manure And Then Into Pit.

Note: Air Flows Across Manure A Second Time After It Has Gone Across Manure On Dropping Boards. Tests Have Shown That Manure Is Less Than 20% Moisture.

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Green Meadows Farm Receives Century Farm Recognition

LOU ANN GOOD
Lancaster Farming Staff

LEOLA (Lancaster Co.) — Green Meadow Farm has been pictured on magazine covers, Christmas cards, and puzzles.

A long macadam driveway meanders from Creek Road to the house built in 1763. Weeping willows, a gurgling creek, and grazing sheep result in a scene too breathtaking to capture with pictures.

While many remark at the beauty of the grounds with its acres of manicured lawns and handsome trees, Ed Hess dismisses compliments with the words: "We are merely being good stewards of the land that God has given us."

Because the Hesses and their ancestry have been good stewards of the land since 1891, the Hesses recently received a Lancaster County Century Farm Award. The Century Farm program was begun during the bicentennial celebration by the Pennsylvania Department of Agriculture. Since then, the Lancaster Chamber of Commerce gives awards annually to farms that have remained in the same family for at least a century. The awards are given to emphasize the heritage and prosperity that family farms have contributed to the county.

Hess said that his ancestry first acquired the land in 1891, when David Leaman purchased the 1763 house and 250 acres for his daughter Lizzie and her husband Benjamin Hess.

When Ben first acquired the farm, the back field was full of rocks and stumps. Ben wanted to clear the field for plowing so he used dynamite. To remove the stumps faster, Ben doubled the kick of each charge by warming the dynamite in the oven. Believing that he could remove a cellar rock, he placed a charge on it. According to the story, little happened to the rock, but the dynamite blew a gaping hole in the dining room and broke off a table leg.

Despite that incident, the original house still stands and additions have been added. The house, with its 22-inch-thick walls have had changes over the years. At one time a partition divided the parlor because the family had two daughters dating at the same time. According to tradition, daughters entertained their boyfriends in separate rooms, each with its own entrance. It was considered improper for the couple to visit in a room with other family members.

The farmstead was passed on to Ed's parents Norman and Helen Hess, who started a produce business. At one time, they raised 40 acres of produce, and it was one of the first farms to use an irrigation system.

Ed and Miriam page through one of the many scrapbooks compiled on Green Meadows Farm. Miriam is a direct descendent of the Hans Herr family and has accumulated many family antiques. On the left is Hans Herr's schoolmaster's desk. The names of many of the scholars are carved in the wood inside the desk and can be clearly read. The original corner cupboard on their century farm holds many of her antique dish collection and the wooden highchair is another family heirloom.

Ed, one of five children, was born on the farm and says, "When I was 18 months old, I moved from one bedroom to another and haven't moved since then."

He married Miriam and they purchased the property, which consisted of 63 acres, in 1947. Later, they purchased additional acreage for a total of 81. The Hesses raised two sons, Tom, Tedd, and a daughter, Rebecca Sue.

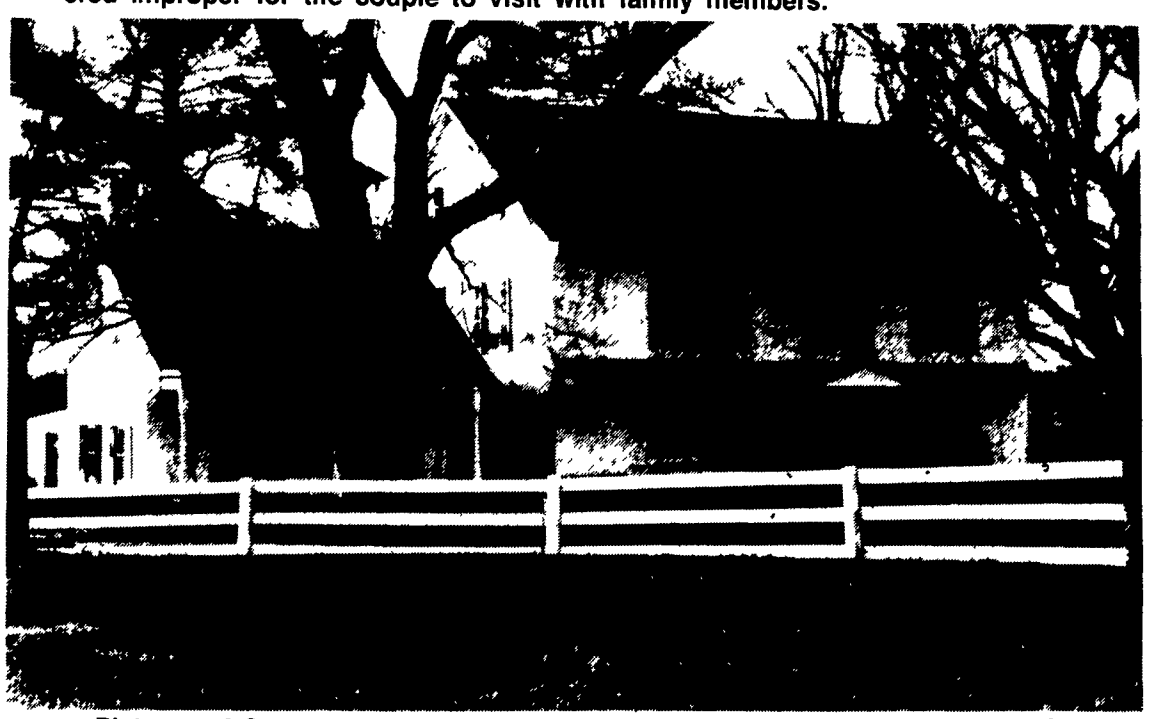
For many years, Hess continued the produce business, but it became too labor intensive and hired help was difficult to find. Today, 28 acres of the farm are used for sheep grazing and the remaining acreage is rented to Ed's brother who farms it.

Although many changes have taken place on the farm, one thing has remained the same — sheep have been raised on the farm for 100 years.

Hess still has a flock of 50 that graze on 28 acres, but the sheep "heyday" for Green Meadow Farm was really from 1954 to 1965. During those years, Hess, his father, a brother, and the Hess children showed purebred Hampshires at all the major shows across the U.S. The flock was noted for being the top herd in the U.S. Ed said that the flock had been built up with imported blood lines from England. Today, sheep imports are no longer allowed due to quarantine laws.

(Turn to Page B3)

This large room was at one time partitioned off for two rooms when ancestors of the Hesses had two daughters dating at the same time. According to tradition, each daughter needed a separate room to entertain her boyfriend because it was considered improper for the couple to visit with family members.



Pictures of Green Meadows Farm have appeared on magazine covers, puzzles, church bulletins and newspapers. The picturesque farm at one time had the top Hampshire flock in the United States.

The original part of the Hess farmhouse was built in 1763.

Homestead Notes

Green Meadows Farm

(Continued from Page B2)

After the Hess children had their own careers, Ed and his brother dispersed of the show flock. But Ed still raises about 50 purebred Hampshires for a Canadian breeder and sells some as market lambs to 4-H'ers.

With the profits from the sheep dispersal, Ed built an apple packing plant in partnership with his brother Art. Named the Hess Brothers Fruit Company, Ed still owns part of the company but his partners are now Art's sons, Fred and Jerry.

The fruit company deals strictly in apples. The apples are purchased from North Carolina, Virginia, Maryland, West Virginia, New York, and Pennsylvania and sold to major supermarkets in the East.

Unfortunately, the original barn burned down in 1984, but the Hesses were able to salvage the lower stone wall and rebuilt it according to the original plans. An Amish contractor oversaw the one-day barn raising. The barn is now painted barn red and trimmed in white.

The Hess farm became famous when photographer Grant Heilman, who was fascinated with the picturesque beauty of the farm, sold several prints to major companies. The pictures appeared on magazine covers, church bulletin covers, and puzzles.

Hess said, "We believe God requires us to be good stewards of those things He gives us."

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On being a farm wife - And other hazards

Joyce Bupp

RESOLUTIONS

The time has come -
Hits once each year -
To gaze into
Our lifestyle mirror,

And vow again
To make amends
And head ourselves
Toward better trends.

More exercise
Will keep me fitter.
I'll start - once we
Corral this critter,

And finish stacking
Bales of hay,
And moving feed
That's in the way.

Those piles of mail
Accumulating
Must be addressed.
No hesitating!

Correspondence,
Checks and bills,
Papers, books,
Ads for frills,

I'll work that mail.
Attack! Revamp!
If I can just find
One good stamp.

I'll pledge anew
To banish dust
From nooks and crannies.
Clean - or bust!

Shine and polish
Neat as a pin,
At least until
The men come in.

All garden weeds
Will have to go
To show off each
Neat, perfect row.

I'll till, I'll hoe
I'll tend that patch
Until those pesky bugs
All hatch.

The dairy house
I'll hose and scrub,
And polish up
The wash-vat tub,

Wipe the milk lines,
Sweep the alleys,
Keep careful track
Of milk-weight tallies.

Our records will be
Up-to-date,
The posting, adding
Never late.

My life will be
Sooooo organized,
Efficient, throrough,
Energized.

What 'ere they ask
I'll do their biddin'
...Oh, what the heck!
Who'm I kiddin?

So much for resolutions.....
HAPPY NEW YEAR anyway!

Five Secrets For Perfect Turkey Carving

This Christmas, you can stand at the head of the table and carve the holiday turkey with grace and ease, thanks to five simple secrets used by top professional chefs:

Secret #1: Cutting beautiful slices depends primarily on using a sharp, non-serrated carving knife. Serrated knives tend to tear meat, producing shreds instead of clean slices. New Chef's Choice® Trizor™ Professional 10X™ Cutlery, introduced this year by EdgeCraft, is two to three times sharper and stays sharp up to ten times longer than leading European and domestic brands. EdgeCraft offers a slicing knife, paring knife, boning knife, chef's knife and sandwich knife to help you prepare the whole holiday dinner and make sandwiches from the leftovers! For a store near you which carries Chef's Choice knives, call 800-342-3255.

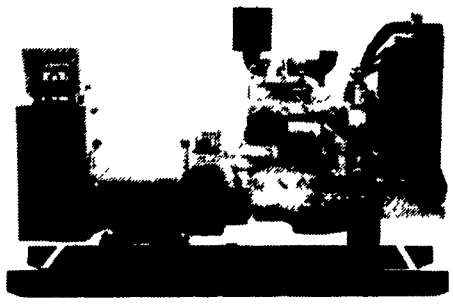
Secret #2: Whatever knife you use, it's essential to keep it razor sharp in order to carve with grace and ease. Manual sharpening methods such as sharpening steels and stones are difficult to master and, incorrectly used, can even damage fine cutlery. Thankfully, there's a revolutionary knife sharpener that takes the guesswork out of sharpening and is safe for the fine cutlery. The Chef's Choice® Diamond Hone® Knife Sharpener from EdgeCraft uses 100% diamond abrasives to produce an incredibly sharp, long-lasting edge in minutes. It will sharpen virtually any knife along the entire length of the blade. Because it resharpens with insignificant metal removal—some call it "only angel dust"—the sharpener helps preserve fine knives.

Secret #3: After the turkey is roasted, remove it from the oven and let it cool for 10 to 15 minutes. This makes the meat easier to slice.

Secret #4: Start carving by removing the drumsticks and thighs. Next remove the wings; but only the tip and center sections. Leave the last section of the wing attached to the breast. This provides a good broad base to help prevent the bird from tiliting when you slice the breast.

Secret #5: When carving the turkey breast, start by making a deep horizontal (parallel to the platter) "base cut" into the breast, just above the wing bone. Then you can release nice even slices by cutting in a vertical direction down through the breast to the base cut.

GENERATORS



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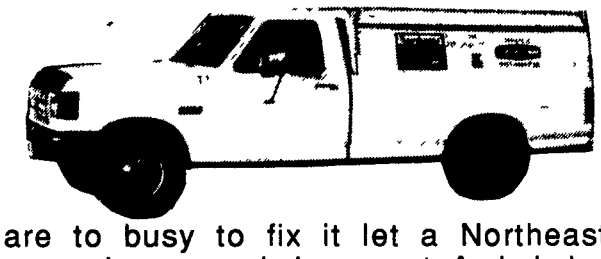

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TAKING TIME

by Rebecca Escott

Extension Home Economist

Winter Safety Reminders

If all the talk is correct, this winter could be a snowy one. In fact, you may have already had a taste of winter a few weeks ago. A daily paper in my area ran a graph showing winter snowfall for the last 50 years. The recent years have been well below normal. So this year may be the one to change the trend.

If it is, you need to be prepared. Winter activities can be fun, but don't forget safety. These precautions are particularly important if you have family or guests who are enjoying winter outdoor activities on your property.

Over half of all heat produced by the body is lost through the uncovered head and neck. (So mothers are right to say, "Wear a hat!") If you or your children go outside, wrap up in a scarf and hat. If you have teenagers, see if you can work out a compromise. For girls, wide fabric headbands may be an acceptable way to avoid frostbitten ears. Don't forget, in their eyes, a fashionable hair style is more important than good health.

Everyone can practice layering clothes for warmth. In fact, you will be warmer wearing a long-sleeved shirt and a bulky knit sweater than wearing a heavy jacket. Layering provides insulation and helps protect a person from hypothermia. Hypothermia occurs when a person's body loses heat faster than it can replace it, causing the internal body temperature to drop dangerously low. This is particularly important for seniors who may be more susceptible to hypothermia than younger family members. Some medications may heighten a person's vulnerability to hypothermia. Ask your doctor if this concern applies to you. Wrist watches, tight pieces of jewelry, and tight shoes or boots may reduce the flow of warm blood to your hands and feet. Are you aware that hypothermia can occur in mild indoor climates? Any time you feel chilly, slip on another layer of clothes as a precaution.

Because water cools a person 25 to 30 times faster than exposure to air of the same temperature, people who fall into water must concentrate on quickly getting warm. Remember this if you are ice skating or wandering near a stream.

Hypothermia is only one of many winter safety issues. Another concerns sledding. The U.S. Consumer Product Safety Commission estimates that more than 50,000 people receive emergency room treatment annually for injuries related to sleds, toboggans and snow disks. Accidents occur when old sleds splinter, when steering mechanisms fail, and when icy conditions make it difficult to control the sled's speed and direction. Unfortunately children often plow blindly through new snow into hidden rocks and tree stumps. Concussions and other serious injuries result.

To help prevent these injuries, teach children to roll sideways off a sled to lessen the chance of injury in a collision. Also sand rough edges and wax runners for smooth, controllable operation. Avoid roads and fence lines.

If you plan to retreat to a warm home and blazing fire after your outdoor fun, make this important safety check. Have your chimney inspected for creosote build-up. Creosote can clog the chimney and may ignite. Perhaps you know families who have suffered great loss due to chimney fires. It is possible to inspect the chimney with a mirror and to clean it if you have the proper tools. But if you are unsure, this is one time that is worth paying someone to do the job well.

If all the hustle and bustle of the last few weeks has worn you out, I suggest that you to put off the plans for outdoor activities for a day or two and curl up under a warm afghan, sip a mug of hot chocolate and read a good book. Yes, it's refreshing to get outside. It's important to follow good winter safety practices. But it is also healthy to relax and enjoy a quiet moment indoors once in awhile, too.

Rebecca Escott is a Home Economist with Penn State Cooperative Extension in Lehigh County.

Wintertime Doesn't Spell End To Landis Valley Farm Work

LANCASTER (Lancaster Co.) — Ask any farmre and he'll tell you that even in winter there's plenty to do around a farm. Landis Valley Museum's Historic Farm Project is no exception. There's plent to do this winter.

The museum is looking for individuals or families to lend a hand to help accomplish this work. There are many opportunities for interested youth and adult volunteers to assist the museum farmer in a variety of chores — from routine farm and livestock maintenance, to special construction, restoration, landscaping and research projects. Volunteers also have the opportunity to learn interpretive skills and interact with visitors from the unique standpoint of living history during many of the museum's special events.

A strong back and a wiilingness to work outdoors are helpful, although not required, to join this ever-growing part of the Landis Valley Museum family.

Contact: Steve Miller - Curator of Agricultural History or Jeff Powell - Museum Farm Project Coordinator

Phone: (717) 569-0401 or (717) 299-7586 Mon - Fri

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Minimum Hours: 4 hours weekly

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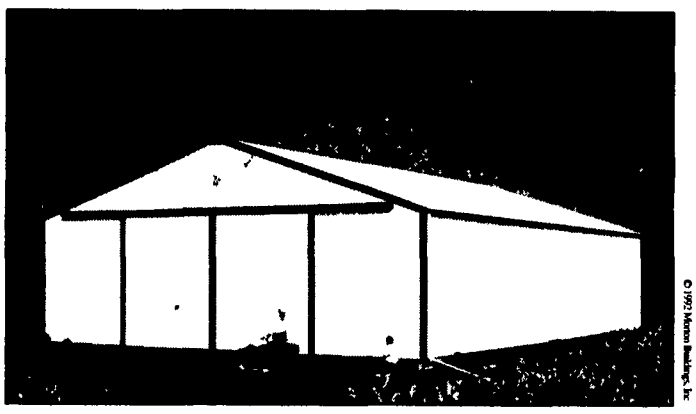

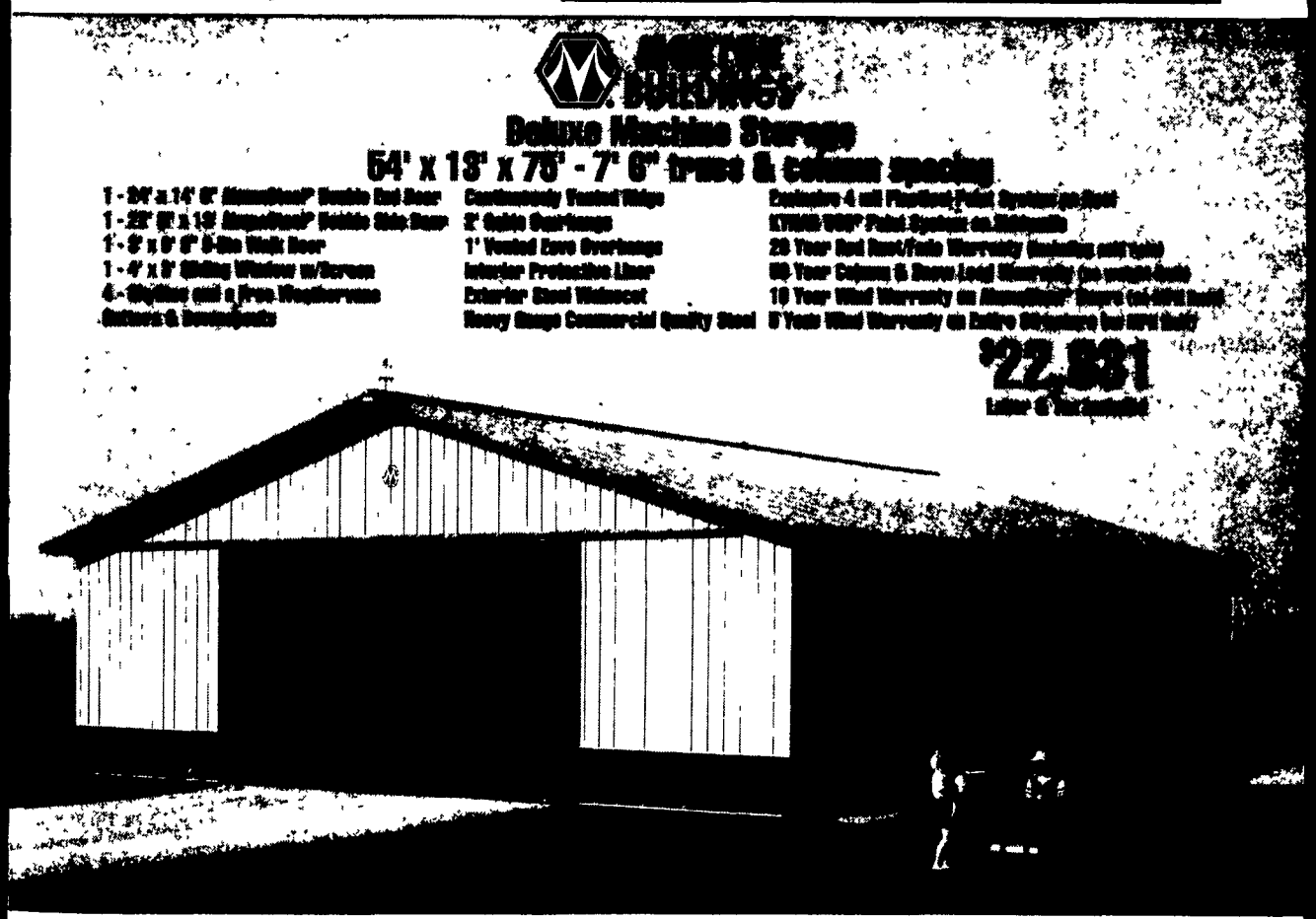

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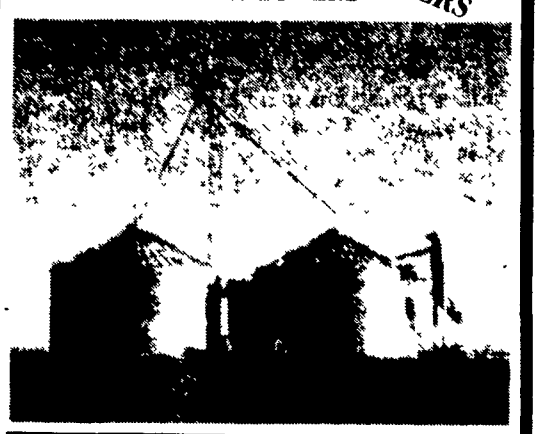

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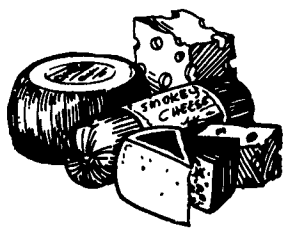
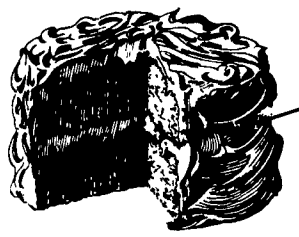


Home On The Range



New Year Buffet For Busy Hostess

The house is decorated and everyone is in a festive mood-it's New Year Party time.

One of the easiest ways to entertain is buffet style. By its very nature, the buffet is a less formal way to entertain, and for many, a welcome change from the frenzy of the season. Guests can serve themselves and eat when they like in a more relaxed way. A buffet set-up also encourages mingling.

Holiday buffet foods need not be fancy or complicated, just good tasting and easy to eat. American Dairy Association home economists have created a holiday buffet that's easy on the host but delicious and attractive. The key is relying on prepared foods as the basis for the menu. It also helps to:

• Plan the menu well in advance and make a list of what can be prepared ahead.

• Plan foods that are easy to serve and to eat. Consider using holiday paper goods instead of china to make clean-up easier.

• Invite guests early. Ask for recipes so that you know how many to plan for.

• Purchase nonperishable foods and paper goods well in advance of the party.

This Winter Wonderland buffet is simple with many do-ahead components. Prepare it all or add one or two of your own holiday specialties. If you have a favorite from-scratch recipe for eggnog, serve it instead of a purchased eggnog. If you don't have time to make the truffles, buy them, or substitute another dessert like peppermint ice cream. Order the ham or a roast beef from the supermarket deli or a local restaurant that has carry-out if you don't have time to prepare the chicken dishes; request that it be sliced and ready to serve. In other words, adjust the menu to suit your time and tastes.

RED PEPPER DIP

Yield: approx. 2 cups

2 cloves garlic

1 jar (7 ounces) roasted red peppers, drained

1 package (8 ounces) cream cheese, softened, cut into cubes

In work bowl of food processor, process garlic until minced. Add peppers and process until smooth. Add cream cheese; continue processing until well blended. Chill before serving.

HONEY MUSTARD CHICKEN

Prep time: 15 min.
Cook time: 20 min.

1 can (20 ounces) pineapple slices in juice

4 boneless, skinless chicken breast halves

2 teaspoons vegetable oil
2 garlic cloves, pressed
1 teaspoon thyme, crumbled
1 tablespoon cornstarch
¼ cup honey
¼ cup Dijon mustard

Drain pineapple, reserve juice. Sprinkle chicken with salt & peper to taste. Rub with garlic & thyme. Brown in hot oil in nonstick skillet. Combine 2 tablespoons juice with cornstarch. Combine honey & mustard, stir into skillet with remaining juice. Spoon sauce over chicken. Cover & simmer 15 minutes. Stir cornstarch mixture into pan juices. Add pineapple. Cook, stirring, until sauce boils & thickens. Serves 4.

Susan Howard
Mt. Pleasant Mills

HONEY BAKED CHICKEN

2 whole chicken legs per person
½ cup butter, melted
½ cup honey
¼ cup prepared mustard
1 teaspoon salt
1 teaspoon curry powder

Place chicken in shallow baking pan. Skin side up. Combine butter, honey, mustard, salt and curry powder. Pour over chicken and bake at 350° for 1¼ hours, basting every 15 minutes until chicken is tender and nicely brown. Serves 4-6.

Stan Matenus
Dallas

RANGER JOE COOKIES

1 pound butter
¾ pound brown sugar
2 cups granulated sugar

Cream together butter, brown sugar, and granulated sugar. Add and beat together:

4 eggs
1 teaspoon baking powder
4½ cups flour
2 teaspoons baking soda

Mix well. Add:

1 quart corn flakes
1 quart rolled oats
1 cup coconut

Mix well and roll into small balls. Place on cookie sheet. Bake in 350 degree oven for 7 to 10 minutes, until lightly browned.

Blackberry Eggnog is made by combining ½ gallon dairy eggnog with ½ cup blackberries. Beat until frothy. Top with real whipped cream. Makes 10 (6 oz.) servings.

ORIENTAL CHICKEN WONTONS

8 ounces ground raw chicken
½ cup shredded carrots
¼ cup finely chopped celery
¼ cup water chestnuts, finely chopped
1 tablespoon soy sauce
1 tablespoon dry sherry
2 teaspoons cornstarch
2 teaspoons grated ginerroot
½ of 16 ounce package Wonton wrappers
2 tablespoons margarine or butter, melted
sweet and sour sauce (optional)
plum sauce

Cook and stir chicken in medium skillet until no pink remains, drain. Mix in vegetables, soy sauce, sherry, cornstarch, gingerroot.

Spoon 1 rounded teaspoon of above mixture into center of wonton skin. Lightly brush the edges with water. Bring all four corners into middle pressing them together and pressing together the edges to seal the pocket. Place on greased baking sheets. Brush top with melted butter.

Bake 375° oven for 8 to 10 minutes or till lightly browned. Serve with sweet and sour sauce or plum sauce.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

January

2- Soups and Stews
9- One Dish Meals
16- Favorite Breakfast Dishes
23- Pizza week

Featured Recipe

The CHEERS, Non-Alcoholic Dairy Beverage Program, offers consumers a complete brochure with recipes and related information to prepare healthy and delicious dairy beverages. Many of the recipes come from more common know drinks. But, many more are holiday punches that are suitable for any occasion.

A complete CHEERS holiday recipe brochure is available by sending a self addressed and stamped envelope to: CHEERS for the Holidays, Pennsylvania Dairy Promotion Program, 2301 North Cameron Street, Harrisburg, PA, 17110-9408. A sampling of the brochure's recipes follows.

CHERRY SWIZZLE

1½ oz. envelope unsweetened cherry-flavored soft drink powder
1 cup sugar
2 cups cold milk
1 quart vanilla ice cream
3½ cups carbonated water

Combine soft drink powder and sugar. Dissolve in milk. Pour into glasses. Add scoops of ice cream. Resting bottle on rim of glass, carefully pour in carbonated water to fill each glass. Stir to muddle slightly. Makes 6 to 8 servings.

CREAMY PEPPERMINT SHAKE

2 cups milk
½ cup crushed peppermint candy
1½ pints vanilla ice cream

Place milk and candy in electric blender; and mix. Add ice cream and process until smooth and creamy. Makes 6 (6 oz.) servings.

FROSTY APPLE DELIGHT

1 gallon cold milk
1 (12 oz.) can apple concentrate
1½ quarts vanilla ice cream, softened
cinnamon
nutmeg

Add all ingredients in large punch bowl and beat until frothy. Pour in chilled punch bowl. Add cinnamon and nutmeg to taste. Serves 25.

Have You Heard?

By Doris Thomas
Lancaster Extension Home Economist

SUCCESSFUL PARTIES

How does a special holiday meal fit into your nutrition plan? If you are health conscious, plan ahead. Think about the parties and events that you will attend. Try to anticipate the foods that will tempt you and the social pressures you will encounter.

Eat before you go. Don't starve yourself before a party. On the day of the event, eat low-fat, high fiber, carbohydrate-rich meals for breakfast and lunch. Have a small snack just before you leave for the party. If you don't eat before the party, you may arrive hungry. The food will look especially good and your chances of overeating will be increased.

Enjoy the special foods. Stay away from the chips, dip, nuts, and party mix that you can have any time of the year. Use this opportunity to sample new and different foods. Remember to make the best of your calories.

Be the slowest eater. Keep an eye on other people at the party and try to be the slowest eater. For example, be the last to start eating and the last to finish. Savor and enjoy every bite. Also try dividing the evening into one-hour segments and tell yourself that you will eat only a certain amount during each one hour period.

Enlist the support of others. Support from family and friends is another way to avoid the temptation to overindulge. Let them know that you are serious about maintaining your diet and ask them kindly not to tempt you with foods that do not fit into your nutritional plan.

Keep things in perspective. If you happen to eat more than you intended, keep a positive attitude. Don't make yourself miserable over one or even several days' lapse. It will not erase the progress you have made to that point. Your reaction to overindulging can be more damaging to your efforts than the episode itself. A positive attitude will allow you to quickly get back on track.

Develop alternatives. Finally, try to take part in the holiday traditions that don't threaten your nutritional efforts. Pre-planning your holiday eating, as much as possible, will help to reduce stress and anxiety, and give you more time to enjoy the other activities of the season.

Try a simple low calorie dish to take to a party, such as the Apple-Ham Slaw (recipe follows). The dressing is flavored with just a hint of horseradish in yogurt. Make up your own version of this recipe by just using carrots and no cabbage, or no ham. You may shred the vegetables, keeping them separated in plastic bags in the refrigerator overnight. Mix with the ham and dressing just before serving. Don't reserve the dish if it was kept at room temperature on a buffet table for more than one hour.

APPLE HAM SLAW

1 red or golden Delicious apple, sliced
6 ounces lean, fully cooked ham, diced
1 cup shredded cabbage
¼ cup shredded carrot
¼ cup plain low-fat yogurt
½ teaspoon, cream-style horseradish
lettuce

Combine horseradish and yogurt, add remaining ingredients and toss until well mixed. Chill thoroughly, serve on lettuce-lined salad plates. Makes about 4 servings.

PREPARE HOMEMADE EGGNOG SAFELY

To prepare homemade eggnog the safe way, choose a recipe that calls for cooking the eggs, sugar and part of the milk - if the milk is pasteurized. If you are using raw milk in the recipe all the ingredients should be cooked after mixing.

Here is an updated recipe that is safe:

Holiday Eggnog

1 quart two percent milk
6 eggs
¼ teaspoon salt
½ cup sugar
1 teaspoon vanilla
1 cup whipping cream, whipped
ground nutmeg

Heat milk in a large saucepan until hot (do not scald). While milk is heating, beat together the eggs and salt in a large bowl, gradually adding the sugar. Gradually add the hot mixture to the egg mixture (do this slowly, stirring the mixture constantly so as not to cook the eggs and have lumpy eggnog). Transfer the mixture back to the large saucepan and cook over medium-low heat. Stir constantly with a whisk until the mixture thickens and just coats a spoon. Thermometer should register 160 degress F. Stir in vanilla. Cool quickly by setting the pan in a bowl of ice water and stirring the eggnog for about 10 minutes. Cover and refrigerate until thoroughly chilled (several hours or overnight). Pour into a punch bowl or pitcher. Fold in whipped cream and dust with nutmeg.

Remember to take food safety precautions this holiday season. Keep hot foods hot (above 140 degrees F.) and cold foods cold (below 40 degrees F.). Do not allow food to cool to room temperature before you refrigerate it. Don't cook your holiday turkey in an oven with the temperature below 325 degrees F. It takes too long to get the bird above 140 degrees F. and it may spoil and make your family or guests ill. Always remember "when in doubt, throw it out!"

BE READY FOR FIRE

During the holidays, electrical decorations and evergreens in the home increase the dangers of fire. Home fires take over 6,000 lives every year, so for your family's safety prepare for fire emergencies so you won't be part of that number.

Here are some tips:

* Figure out at least two escape routes to the outside from every room in the house, especially bedrooms. Allow for blocking of stairways and halls by fire.

* Make it a rule to sleep with bedroom doors closed. Since many home fires break out after the family has gone to bed, the closed doors will hold back flames and smoke allowing extra time for you to escape.

* For escape from upper floors, use porch and garage roofs, ladders, or trees as ways down to safety. Be sure exit windows work easily so that even a child can open them. And make sure windows are low and large enough to climb through.

* Pick an outside assembly point, well away from the house, and be sure everyone understands the rule "Once out, Stay out."

* Know how to call the fire department from a street alarm box or a neighbor's telephone, and call them as soon as everyone is out of the house. Remember: it's people, not possessions that are important. Leave the house quickly and don't waste time trying to save valuables. They can be replaced... lives cannot.

A little planning ahead can make your Christmas and your whole year a happy and safe one.

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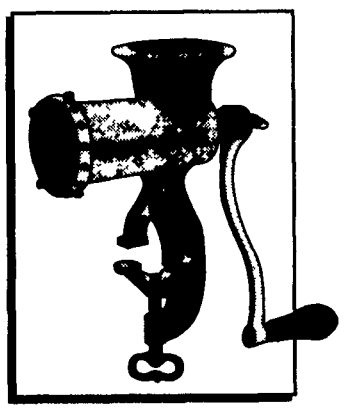
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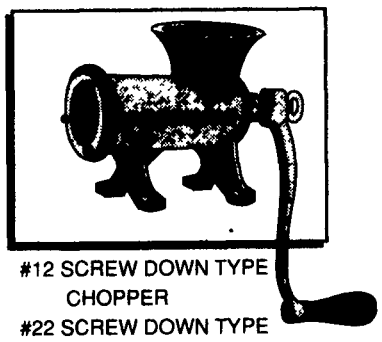
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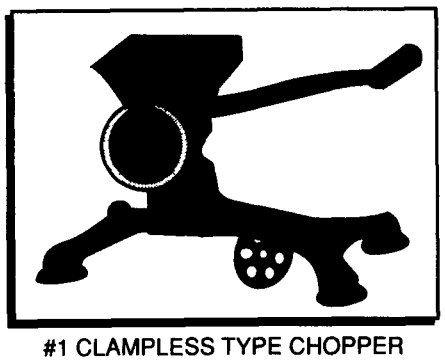
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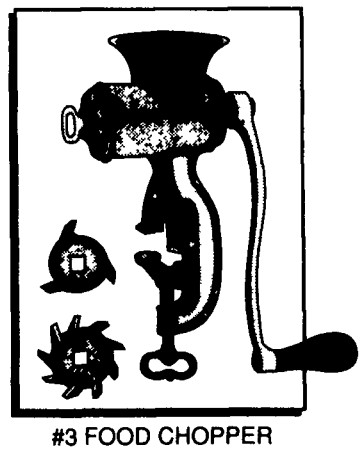
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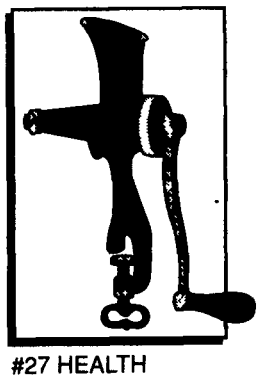
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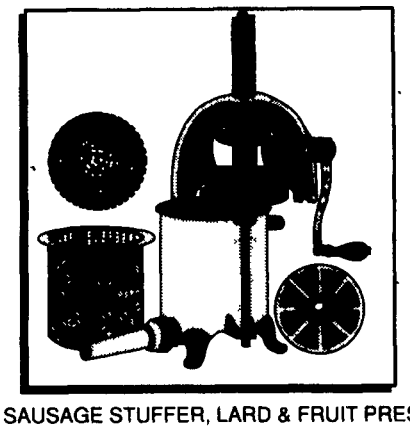
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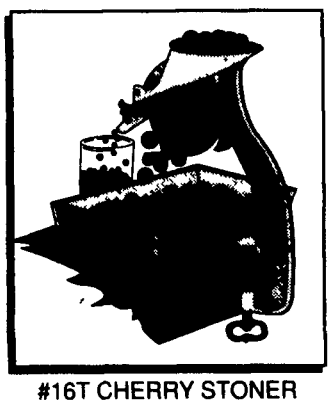
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Cook's Question Corner

If you are looking for a recipe but can't find it, send your recipe request to Lou Ann Good, Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Ella Rissler, Port Trevorton, would like a recipe for blackberry freezer jam for diabetics. If we do not receive the answer to this within the next two weeks, we will drop the request.

QUESTION — Florence Nauman, Manheim, would like a recipe for mulled cider angel food cake. If we do not receive an answer to this request, we will assume no one has the recipe and drop the request.

QUESTION — Jane Heckman, Effort, would like a recipe for a white cake that has sour cream in the batter. After pouring the batter in the baking pan, it is drizzled with melted chocolate chips and baked. When you eat the cake, you find swirls of thick chocolate.

QUESTION — Anne Good, Lititz, would like a recipe for sesame chicken soup.

QUESTION — Georgia Bond, Gandeeville, W. Va., would like a recipe for canning strawberries with epsom salts.

QUESTION — Georgia Bond, Gandeeville, W. Va., would like a recipe for chicken pot pie, pepper cabbage, and funnel cakes like those made by the Grange at the Reading Fair.

QUESTION — Alice Steere, Chepachet, RI, would like the recipe for the gravy McDonald's serves on its biscuits and gravy around the Columbus, Ohio area.

QUESTION — Jennifer Rake, East Stroudsburg, would like to know how and when to harvest dry soybeans and how to roast them.

QUESTION — A reader from Mercersburg would like a recipe for sour dough.

QUESTION — Charles Creasy, Wrightsville, would like recipes for making turtle meat, especially turtle soup.

QUESTION — Marion Steger, Groton, N.Y., would like the recipes for Aunt Effie's Hillsborough Moist Apple Nut Layer Cake with butterscotch frosting and the Turn-Of-The Century Cake.

QUESTION — Linda McCuean, New Galilee, writes that her 15-year-old son eats breakfast cereal like there is no tomorrow. She would like a recipe to transform plain shredded wheat cereal into the frosted variety.

QUESTION — Susan Howard, Mt. Pleasant Mills, would like a recipe for lemon poppy seed muffins made with sour cream such as those served by Kathryn Flint's Restaurant in Jim Thorpe.

QUESTION — An Elizabethtown reader would like a sand tart cookie recipe that uses sour cream and egg yolks. She said the recipe had appeared in this paper several years ago. Did anyone cut out the recipe so that they can send it in for us to reprint?

QUESTION — N. Martin requests a recipe for Double Chocolate Sour Cream Drop Cookies. It is a cookie made with white chocolate chips in the cookie dough and melted chips in the frosting.

QUESTION — Maybelle Page, Oxford, would like a recipe for Tar Heel Pie. She writes that several years ago she was travelling and saw the recipe printed on a post card. She writes, "Of course using no sense, I failed to purchase the post card and have kicked myself zillions of times since." Readers, can you come to her rescue?

QUESTION — Sonja Zehr, Croghan, N.Y. would like a recipe for cinnamon (hard candy coated) apples. The unpeeled apple is put on a stick and dipped in the hot syrup.

ANSWER — Marion Fillebour, Stewartsville, N.Y., wanted a recipe to make large chocolate chip cookies. You may use any chocolate chip recipe that you like and use as much dough as desired to make the cookie as large as you want. Bake at 325 degrees and watch closely so it does not get overdone.

ANSWER — Melva McElwain, White Hall, Md., wanted a recipe for potato stuffing like that served at Miller's Restaurant in Lancaster. Thanks to Sue Trimble, New Providence, for sending a recipe that is taken from the Miller's Smorgasbord Cookbook.

Potato Filling

1 large onion, chopped fine
4 stems celery, chopped fine
3 tablespoons butter
3 cups mashed potatoes
2 cups bread cubes
2 eggs

Saute onion and celery in butter. Add bread cubes, beaten eggs, salt and pepper to taste. Add mashed potatoes. Bake in a casserole at 350 degrees for 20 minutes.

ANSWER — Dee Vogelsong, address unknown, wanted to know where she can purchase small (about 8 ounce) jars and lids, which will be used to sell horseradish and mustards. Thanks to Laurie Donaldson, Stewartstown, who writes that Ball Jar Co. sells ½ -cup jars and ring-type lids that would be suitable.

ANSWER — Mabel Hammond, Chambersburg, requested a recipe for dancing snowballs. Although we did print an earlier answer, here is another one since it seems like an appropriate New Year's table decoration. The recipe is from Ruby Dice of Shippensburg.

Dancing Snowballs

Fill a clear bowl with water, color with food coloring, if desired

Add the following ingredients:

1 teaspoon citric acid crystals
1 teaspoon baking soda
3 to 5 moth balls for each cup water.

Citric acid crystals may be purchased in drug stores. The chemical reaction keeps the mothballs moving to the bottom of the bowl for about 2 hours. Add more baking soda and citric acid to keep the mothballs moving. Place the bowl on a mirror for a double effect. Place a flower on top of the water.

ANSWER — Here's a holiday dessert from Edna Auker, Manheim, that she writes is very light and delicious.

Holiday Dessert

14½ ounces evaporated milk, refrigerated
3-ounce package lime Jell-O
2 cups hot water
1 cup sugar
¼ cup lime juice
2 teaspoons lemon juice

Chocolate crumbs:

2 cups chocolate cookie crumbs
¼ cup butter
2 tablespoons brown sugar

Mix crumb ingredients well and put in bottom and sides of a 2-quart dish. (Save a few to sprinkle on top).

Prepare Jell-O, sugar, lime juice and lemon by adding hot water. Stir until dissolved. When starting to set, whip in blender and beat milk in mixer until it stands in peaks. Mix both together and add green food coloring, if desired.

Pour over crumbs in chilled dish. When serving, put a few chocolate crumbs over the top.

ANSWER — To make homemade butters, here are two recipes.

Maple-Pecan Butter

½ cup butter, softened
3 tablespoons maple syrup OR maple-flavored syrup
2 tablespoons chopped toasted pecans

Beat butter with electric mixer until light and fluffy. Stir in syrup and pecans. Refrigerate, covered, several hours to blend flavors. Allow butter to soften before serving.

Cranberry-Orange Butter

½ cup butter, softened
3 tablespoons cranberry-orange relish

Beat butter with electric mixer until light and fluffy. Stir in relish. Refrigerate, covered, several hours to blend flavors. Allow butter to soften before serving.

ANSWER — For Lydia Rhiel, Quarryville, who requested a recipe for turtle candy. Here is one from Susie King, Ronks.

Turtles

28 caramels
2 tablespoons cream
1 cup pecans

Melt caramels and cream in top of double boiler, stirring until smooth. Add pecans. Drop by teaspoonful on wax paper or greased cookie sheets. Let stand until no longer sticky. Spread melted chocolate over each caramel. Cool.

Buffet

(Continued from Page B6)

CONFETTI BISCUITS

Yield: approx. 8 biscuits

2 tablespoons butter, melted
2 tablespoons minced parsley
1 package (approx. 7.5 ounces) refrigerated biscuits

Stir together butter and parsley. Dip biscuit into butter mixture. Bake as package directs.

PESTO DIP

Yield: approx. 2 cups

½ cup prepared pesto
2 cups dairy sour cream

Combine pesto and sour cream; mix well. Chill before serving.

TRADITIONAL CHEESECAKE

1¼ cups graham cracker crumbs
¼ cup sugar
⅓ cup melted butter
3 packages (8 ounces each) softened cream cheese
1⅓ cups (14-ounce can) sweetened condensed milk
fruit topping or fruit pie filling
4 eggs
¼ cup flour
2 tablespoons lemon juice
1 tablespoon grated lemon rind
1 carton (8 ounces) sour cream

Combine graham cracker crumbs and sugar; stir in butter. Press on bottom and 2 inches up side of 9-inch springform pan. Beat cream cheese, lemon juice, and rind. Pour into crumb-lined pan. Bake in moderate oven (350°) 50 minutes. Spread with sour cream. Cook an additional 10 minutes or until set. Cool in pan. Garnish with your favorite fruit topping when served.

Raylene Rouse
Sullivan Co.
Dairy Princess

HOLIDAY SALSA

1 medium tomato, peeled and chopped
¾ cup chopped zucchini
¼ cup chopped carrot
½ cup vegetable juice
½ cup mild taco sauce
2 tablespoons prepared horseradish
1 tablespoon chopped cilantro or 2 tablespoons chopped parsley
⅛ teaspoon salt
⅛ teaspoon pepper
⅛ teaspoon sugar

In a large bowl, combine vegetables. Whisk together vegetable juice, taco sauce, horseradish, cilantro, salt, pepper, sugar; stir into vegetables. Cover and refrigerate overnight.

Serve with chips, chicken or fish, toss with rice or pasta, top vegetables or mix with sour cream or yogurt for dips.

Yield: 2 cups.

SALMON APPETIZERS

1 package frozen puff pastry sheets
4 ounces smoked salmon, flaked
8 ounces cream cheese, softened
2 tablespoons snipped chives
1 tablespoon prepared horseradish

Preheat oven to 375 degrees. Cut 2-inch rounds of dough from pastry sheet; place in greased muffin cups. (Freeze remaining pastry sheet for later use). Top dough rounds with flaked salmon. Mix cream cheese, chives, and horseradish until creamy. Top salmon with 1 tablespoon cream cheese mixture. Bake at 373 degrees for 13 to 18 minutes. Serve warm. Yield 12 appetizers.

Ida's Notebook

Ida Risser

This has been a busy season as children and grandchildren visit. As most of them do not live nearby, they stayed at our home for a few days. It surely is a different household when youngsters run through the house—compared to just two old folks living alone. But, we still have a lot of games, puzzles, and toys for them to play with when they're here.

As we have large evergreen trees on the farm, I was able to make decorations for the tables and also for outside use. A neighbor brought me a beautiful poinsettia plant because I shared vegetables with her during the summer. It is nice to be remembered for sharing.

This year I made 18 kinds of cookies. Two very large trays were piled with an assortment for our extended family gatherings. Next I packed seven boxes for neighbors. Seldom do I get to see some of my Amish neighbors unless I visit at Christmas time.

It will take gallons of punch to take care of the people at our two drop-ins. And, I'm to furnish refreshments at our square dance club meeting too. Long ago I got a recipe for "wedding punch" and I've used it a lot. It calls for several packages of Kool-Aid plus pineapple juice and gingerale. Thus, it is not too expensive to make several gallons.

Our youngest daughter, Cindy, always made this for me but now that she is married and living far away I cannot expect her to do it. Time changes the way that we do things and also who does them.

Be Ready For Emergency

HUNTINGDON (Huntingdon Co.) — Because farm and rural families often live many miles from medical, police, fire and rescue services, in an emergancy they must be able to cope until help arrives.

To be ready for a crisis, farm families should take measures to prevent accidents and fires and prepare plans for handling emergencies, says a safety specialist in Penn State's College of Agricultural Sciences.

"You can never be too prepared for an emergency," says Dr. Dennis Murphy, professor of agricultural and biological engineering. "Create a 'what if' emergency plan that involves everyone who lives and works on your farm," he says.

"The kinds of medical, fire or weather emergencies you should prepare for depend upon the ages and health of the people, the kind of farming you do and what natural disasters could occur in your area."

Being prepared for an emergancy can start with an understanding of basic first-aid techniques. "If a first-aid course is offered in your community, take it," Murphy says. "Get a good first-aid manual and keep it in an easily accessible place. Have a well-stocked medicine chest. It's also a good idea to keep first-aid kits in the shop, barn, on the tractor, combine and truck.

Keeping important numbers on or near all phones can save time in an emergency. "Post the numbers of your doctor, emergency medical service, fire and police or sheriff departments, poison control center and reliable neighbors who would be willing and able to help," Murphy says.

It also helps to write out clear directions to your place and keep them at the phones to help emergency services get there as quickly as possible.

"Being able to quickly identify the right house can save minutes in response time from an ambulance or fire engine—and in a crisis, every second counts," Murphy says. "Make sure your house number is clearly posted on your home, mailbox or entrance to your driveway so that it can be seen from the road, day or night.

"Someday you may be first on the scene of an accident," Murphy says. "Think about the appropriate responses to all types of emergencies that could happen on your farm. Everyone should at least be able to shut off an engine and electrical power."

Be prepared for fires. "First, make sure you have operating smoke detectors at strategic points around the house," Murphy says. "Install fire extinguishers and know how to use them.

"Also, develop and rehearse a home fire escape plan, including ways to evacuate those who cannot get out on their own. Make sure children know what they should do. If a fire occurs, an escape plan will help prevent panic and allow you and your family to reach safety more quickly.

"An emergency is never pleasant, but the better prepared you are, the easier it will be to handle the situation," Murphy says.

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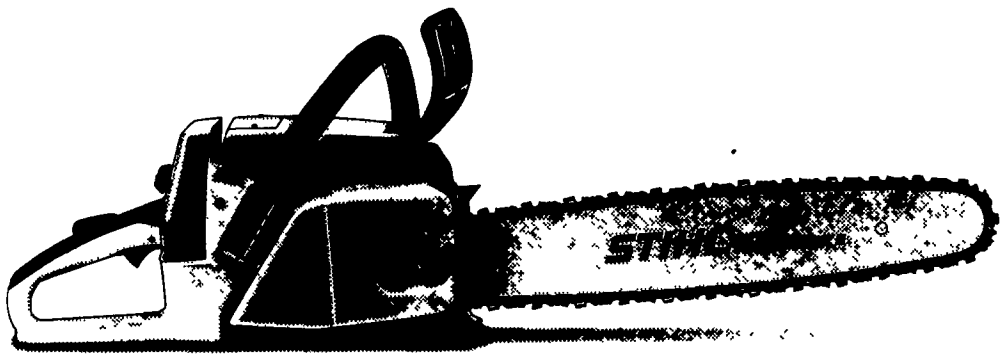

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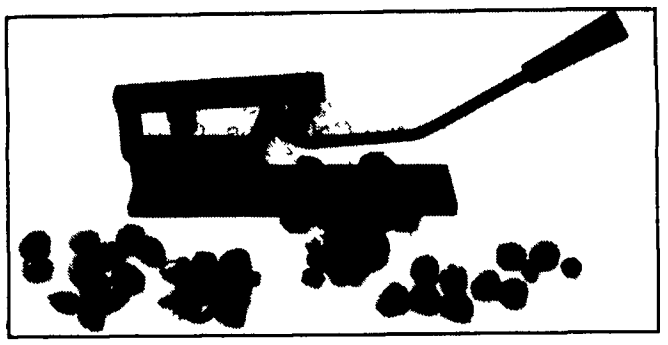

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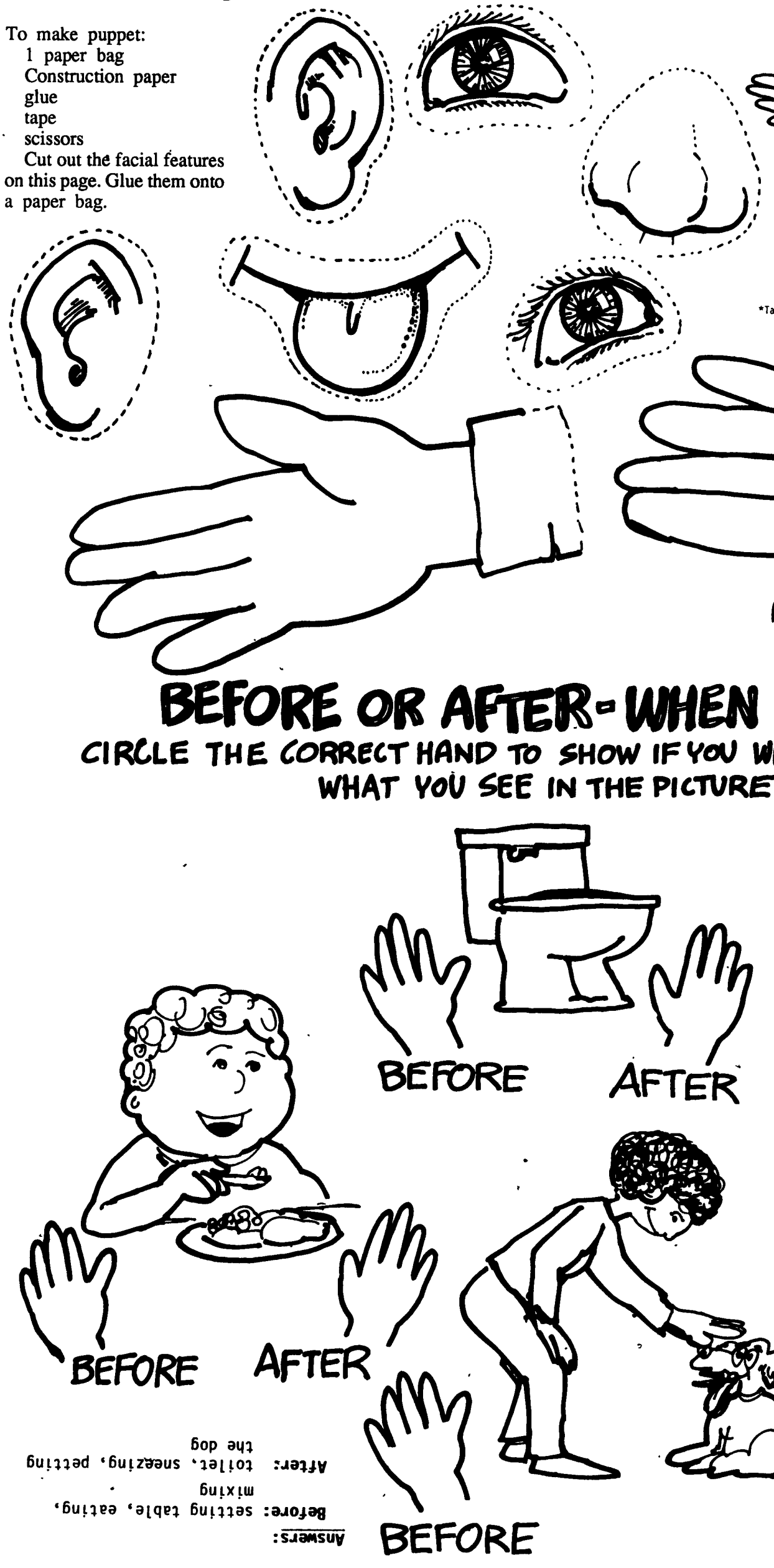

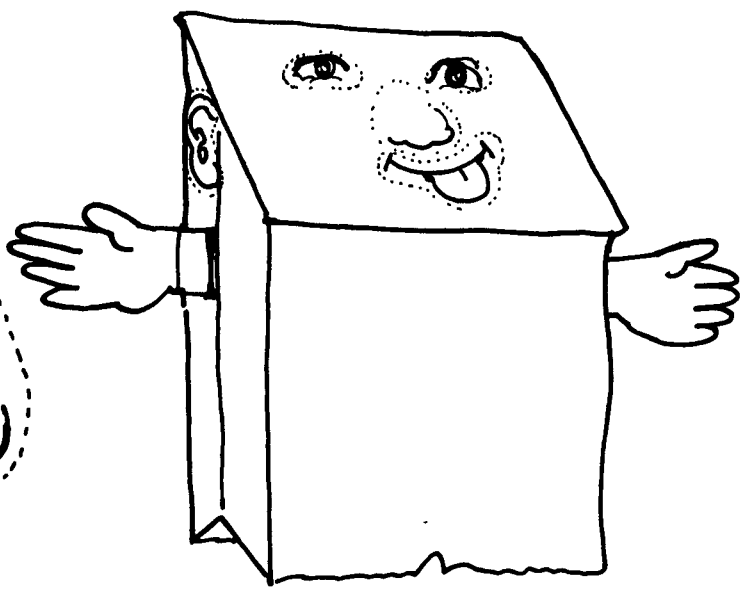

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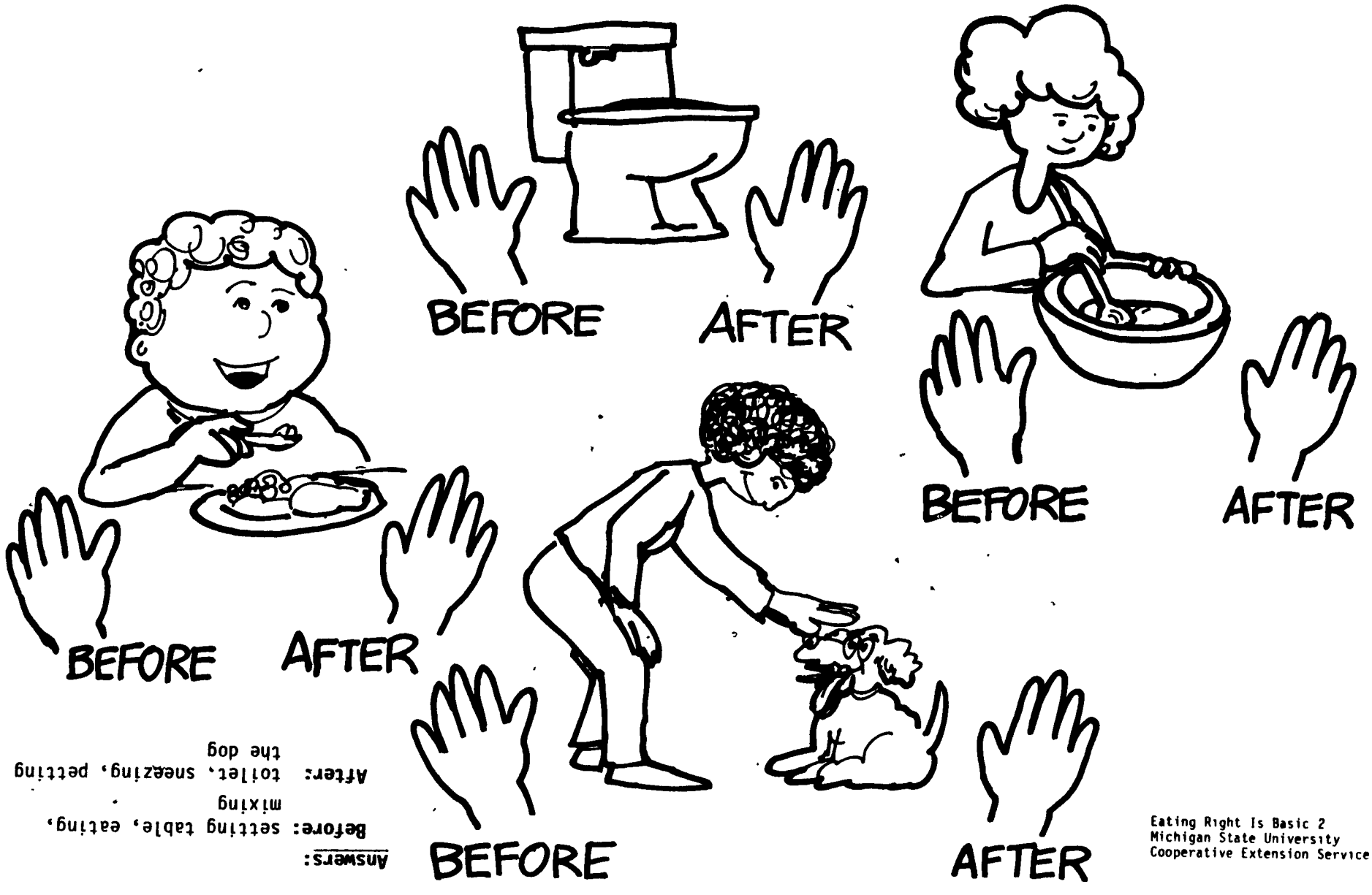

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Proper Handling Keeps Holiday Gift Plants Going

CREAMERY (Montgomery Co.) — Potted plants received as gifts during the holiday season will continue to provide color and enjoyment if they are handled properly. One of the first steps in caring for gift plants is to realize that the winter home environment is hostile to a flowering plant. Plants are produced under optimum conditions with all the light, water, warmth and nutrients needed for quality flowers and foliage. The average home is to dark, dry and drafty in comparison to a greenhouse setting. In addition, we generally don't fertilize much at this time of the year.

The life of most flowering plants can be extended for days or even weeks beyond the holidays with some extra attention. Flowering plants require bright light to retain their flowers and foliage. Avoid direct exposure to the sun which heats the flowers and causes excessive moisture loss in an already dry atmosphere. Since the light helps the plant grow, turn the plant once a week to keep it symmetrical.

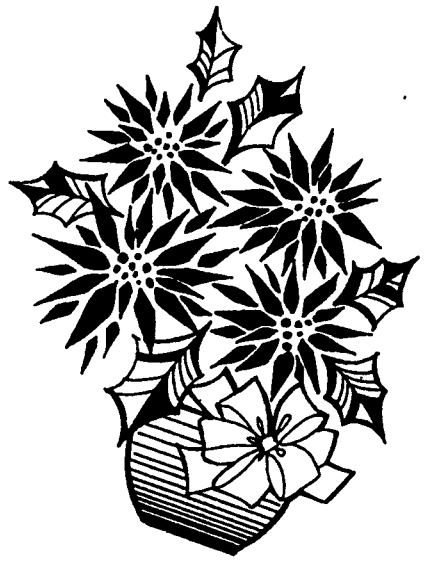
If you don't have access to east, south or western windows, set the plants close to artificial light. Fluorescent lamps are the best choice because incandescent light generates too much heat for the amount of light produced. It is possible for the heat of a light bulb to either burn or fade the flowers.

Many flowering plants are not produced at constant temperatures in the greenhouse. Most plants do well in bright spots with a temperature of 65° to 75° in the daytime and 50° to 55° at night. The cooler temperatures "slow" the plant down and help extend its decorative life. Remember that during winter the temperature of a room is considerably lower near a window than in the rest of the room. In a still room, temperatures near the glass may be low enough to damage the plant.

Drafts can be a serious hazard for plants in the winter. Cold air from open doors as well as the heat from radiators or air vents can chill or overheat the plant. Avoid any extremes in temperature.

In the excitement of the holidays you may forget to water your gift plant. Remember that indoor air is quite dry and the plant will dry out quickly. Also flowering plants tend to dry quicker than foliage plants. It is best to maintain a moderately moist root system all the time. Roots can be seriously damaged if they become too dry or are water-logged from too much water. Keep the soil surface moist with regular applications of tap water at room temperature. Cold water directly from the tap may be too cold for the roots. When you find it necessary to water the plant, add enough water to completely soak the root system. The excess water should pass through the drainage holes in the bottom of the container. If the plant is in a decorative pot with no drain hole, be very careful. Too much water will drive all the air from the roots.

If your plant has been allowed to dry out completely, dunk the pot in a deep pan of water to quickly replenish the soil's moisture. The dry soil mixture may cause the plant to float for a short time, but when the plant settles to the bottom of the pan the root ball will be wet. Remove the pot and allow the excess water to drain away. Blooming plants and those with large leaves will tend to dry out faster and require more frequent watering than nonflowering plants or those with smaller leaves.



The removal of older, faded flowers will help prevent seed development from taking strength away from the rest of the plant. Periodic grooming of the plant will help keep it attractive for a longer time.

At some point in the future you will have to determine the fate of your holiday gift plant. These plants are produced under ideal conditions which cannot be duplicated in the home. In most instances it is probably better to discard the plant after it has finished flowering or is no longer attractive. However, some of the perennial woody plants can be grown in the home and garden for a number of years if they are given proper attention. Some may have to be taken indoors each fall to protect them from frost and cold weather.

Some plants need a dormant period after flowering while others can be kept growing until moving them outdoors in spring. Others tend to get spindly in the low light levels of late winter and will need to be pruned to keep them full and compact.

The poinsettia needs a dormant period between March and May when they are cut back to 3 to 5 inches before growth starts. Chrysanthemums can be maintained as a foliage plant indoors until spring when they are cut back to several inches before outdoor planting. The greenhouse variety of mum will not tolerate freezing temperatures and has to be brought back inside each fall.

Kalanchoe needs adequate light to flower a second season and for this reason it is often discarded once the growth becomes too spindly indoors. Cuttings can be rooted in moist sand to carry the plant to the next season. Regular pruning will help maintain a more compact plant.

Cyclamen is one of the most attractive winter plants available. It is also one of the most difficult plants to keep looking good indoors. Cool temperatures, as low as 50° at night, are needed to keep the plant healthy. Warmer temperatures result in yellow foliage and dead flower buds.

The gardenia is an attractive foliage and flowering plant. The fragrant flowers will persist in night temperatures of 60°. Keep the plant in a sunny but cool location in the daytime. In summer move the gardenia to a lightly shaded area and never allow the soil to dry out. Keep it fertilized during the summer growing season, and return it indoors before the cool nights of early September arrive.

Dolls in many shapes and sizes fill the Music Room at Longwood Gardens this year. "Around the World with St. Nicholas," the theme of the 1992 display, features antique toys and dolls, a teddy bear collection, and a series of figures. The indoor conservatories are filled with decorated trees and 2,300 poinsettias, and 200,000 lights glisten outdoors each evening between 5 and 9 p.m.

Longwood Gardens, located on U.S. Route 1 near Kennett Square, is open daily from 10 a.m. to 9 p.m. during the Christmas display. For further information, call (215) 388-6741.

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LT-10	$ 150	$ 150
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LT-12.5A	$ 200	$ 200
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YT-14	$ 275	$ 275
YT-16	$ 300	$ 300
YT-16H	$ 150	$ 150
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LGT 12G	$ 300	$ 3
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575	$ 97	
580	$ 1,1	
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77		
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D800		
D1000		
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630	$ 750	$ 575
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650	$ 1,150	$ 875
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MODEL	NOV./DEC./JAN. DIVIDEND FOR CASH	FEB./MAR. DIVIDEND FOR CASH
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452		$ 150
462		$ 300
463		$ 325
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Tedd		
157		75
163		25
R		
Bale Wagons		
1003	$ 650	$ 650
1036	$ 900	$ 725
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1038	$ 1,125	$ 900
1078	$ 3,200	$ 2,550
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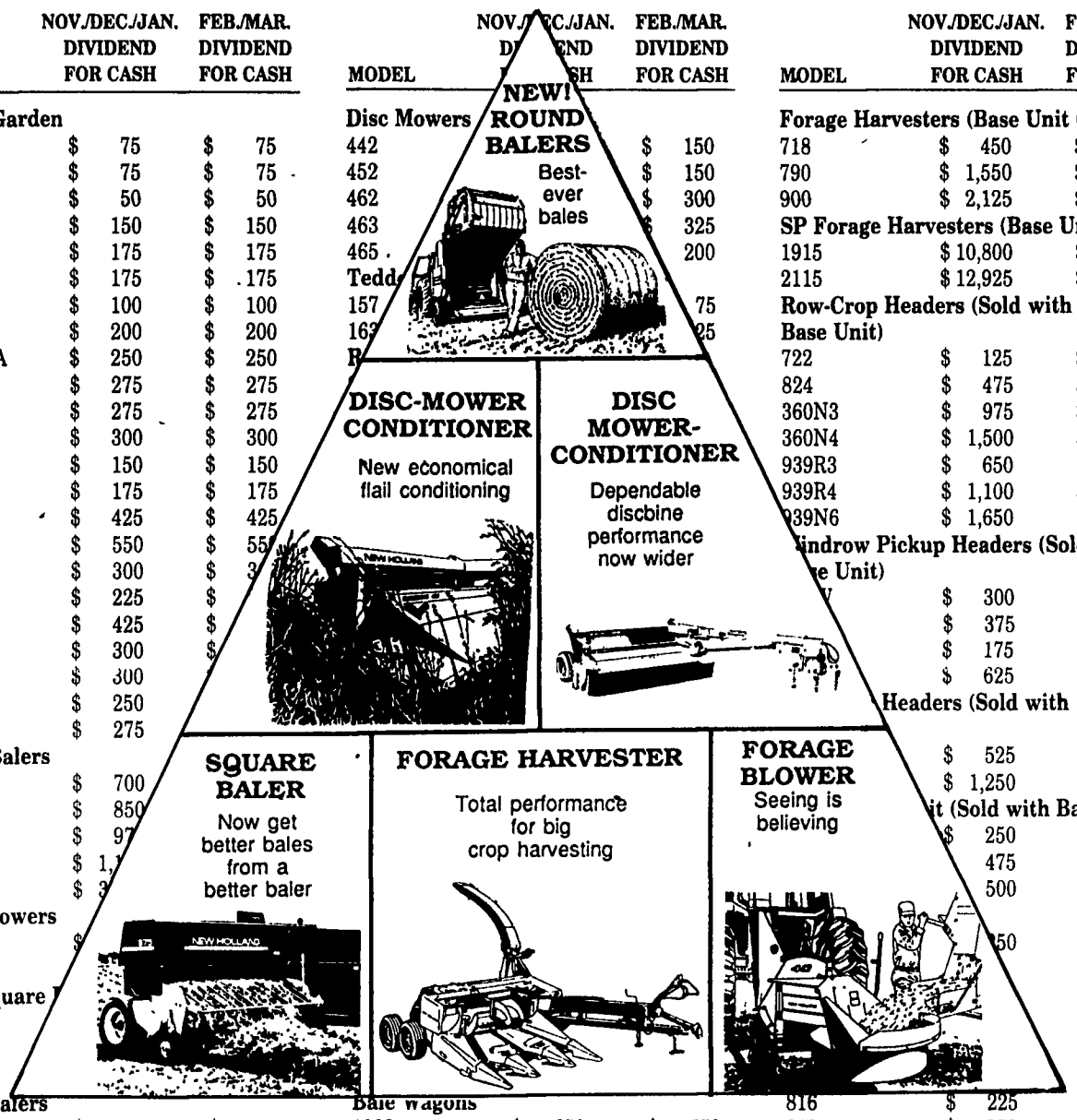
939R3	$ 650	$ 525
939R4	$ 1,100	$ 875
939N6	$ 1,650	$ 1,300
indrow Pickup Headers (Sold with e Unit)		
V	$ 300	$ 250
	$ 375	$ 325
	$ 175	$ 150
	$ 625	$ 500
Headers (Sold with		
	$ 525	$ 425
	$ 1,250	$ 1,000
it (Sold with Base Unit)		
	$ 250	$ 200
	475	$ 375
	500	$ 400
	50	$ 250
		$ 125
		$ 150
		$ 150
816	$ 225	$ 225
818	$ 250	$ 250



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Beef Checkoff Influences Consumers

TAMPA, Fla. — The beef industry's new advertising campaign, "Beef. It's What's for Dinner," is accomplishing its goals of affecting consumer purchasing habits, according to a recent tracking study conducted by the Gallup Organization, Inc., for the Beef Industry Council (BIC) in cooperation with the Beef Board. These goals were outlined in the Booz-Allen and Hamilton study and were adopted by the beef industry to help create greater demand and more profitability for beef.

The results of the Advertising Tracking Study were announced at the winter meeting of the Beef Board in Tampa, Dec. 12-14.

The study, conducted monthly with 500 randomly selected consumers, found that attitudes about beef are improving significantly, which should translate into changing purchasing behavior. The study indicates consumers intend to eat beef 13 percent more often over their next 10 dinners than they had intended to eat before the campaign began. Assuming these representative consumers follow through on their intent to purchase and their attitudes are representative of the entire population, this would generate a demand for an additional 1.2 billion pounds of beef.

Attitude and behavior changes are occurring because the beef industry has been able to create awareness about beef. In August, 79 percent of consumers were aware of beef advertising. That compares to only 57 percent awareness in March 1992 and equals the highest awareness ever recorded since Gallup began tracking beef advertising awareness in September 1988.

Starting in the second quarter of 1992, the study also asked consumers if they could recall the beef industry's advertising slogan. In August, just three and a half months after the campaign began, 42 percent of the sample were aware of the new theme line, "Beef. It's What's for Dinner."

"We're doing exactly what we wanted to do with the program," says Don Sonnier, a Louisiana cattle producer and BIC Advertising Subcommittee chairman. "We're proving that beef is easy to use, is versatile and has appetite appeal."

"This type of penetration into the consumer thought process is an important part of influencing purchasing habits," adds Ray Larson, an Illinois cattle feeder and BIC chairman. "The tracking study indicates that the beef industry is heading in the right direction in changing consumer behavior."

Following the recommendations of Booz-Allen, the beef industry invested $20.5 million during the first five months of the campaign. To continue this type of media coverage the industry would have to invest $49 million on an annual basis, says Monica Eorgoff, BIC director of advertising. In comparison, the annual budget for the entire 1992-93 fiscal year is $18.8 million.

"It will be difficult to continue these positive shifts in consumer behavior with this greatly reduced media schedule," says Eorgoff. "Nevertheless, we will focus on getting consumers to purchase beef by doing the most effective job we can with the dollars available."

On Jan. 18, the beef industry will launch two additional 30-second television advertisements. These ads will join the three ads already airing on prime time, daytime and sports programming. In addition, a new print advertisement, "Nice Thai," will begin appearing in lifestyle, food and women's service magazines in February 1993.

Producers who oversee beef checkoff promotion programs say they are pleased with the progress of the advertising campaign. "While evaluation of the advertising program is ongoing, these initial results indicate that the campaign is meeting key goals established by the beef checkoff" says Ronnie Holladay, an Alabama cattle producer and 1992 chairman of the Beef Board.

Beef advertising is a promotion program funded through the beef checkoff by the Beef Industry Council of the National Live Stock and Meat Board in cooperation with the Beef Board.

Penn State Agronomy Guide Available

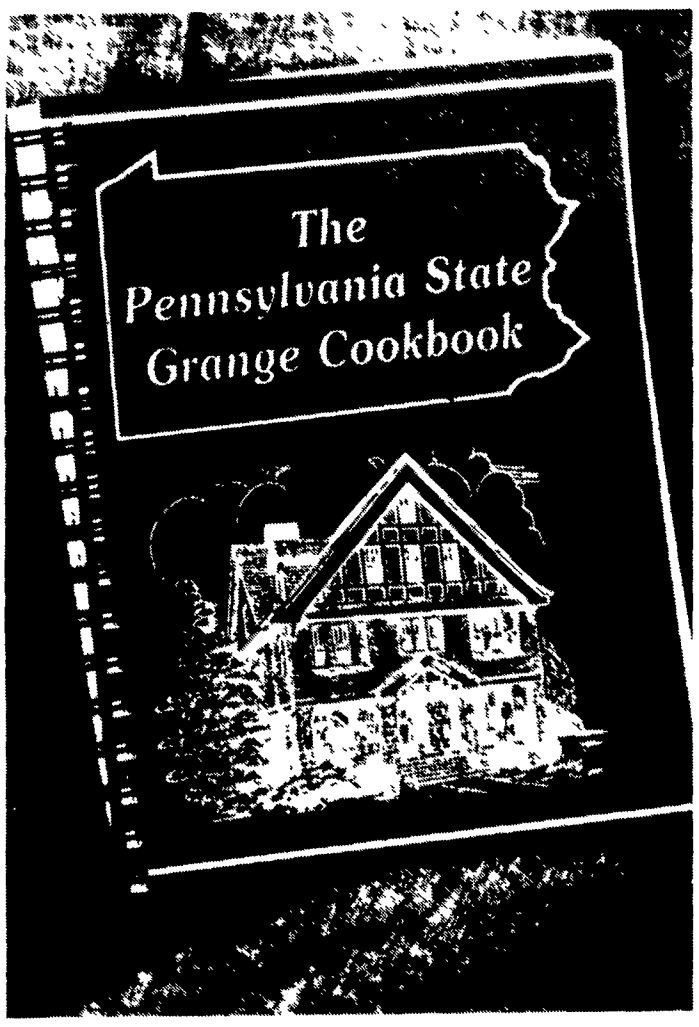
UNIVERSITY PARK (Centre Co.) — For advice on planting, fertilizing, harvesting and storing your crops, consult the 1993-94 Penn State Agronomy Guide.

The 187-page publication contains detailed information on cron, grain, sorghum, soybeans for grain, small grains and forage crops. Included are sections on pest management, soil fertility management, crop storage and erosion control.

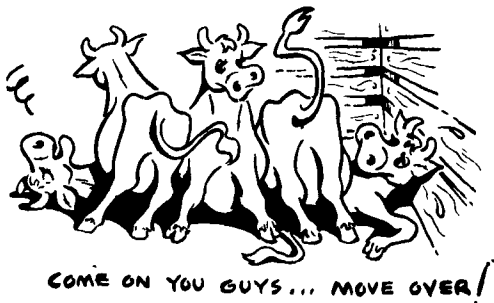
"The guide provides new information on weed management and control," says Elwood Hatley, professor of agronomy in Penn State's College of Agricultural Sciences and guide coordinator. "Keys are included for identifying common grassy and broadleaved weed seedlings in Pennsylvania."

Among those who contributed to the guide were faculty and extension staff in Penn State's departments of agronomy, entomology, plant pathology and agricultural economics and rural sociology. Government agencies and businesses also contributed information.

The guide is available for $6.00 from the Penn State Cooperative Extension office in your county or from the Publications Distribution Center, 112 Agricultural Administration Building, University Park, PA 16802, (814) 865-6713.



If you would like to order The Pennsylvania State Grange Cookbook that was featured in last week's edition of the paper but cannot reach the 800 number given, try (717) 234-5001 or write 1604 N. 2nd St., Harrisburg, PA 17102. The cost of the cookbook is $11 plus $3 for shipping and handling.



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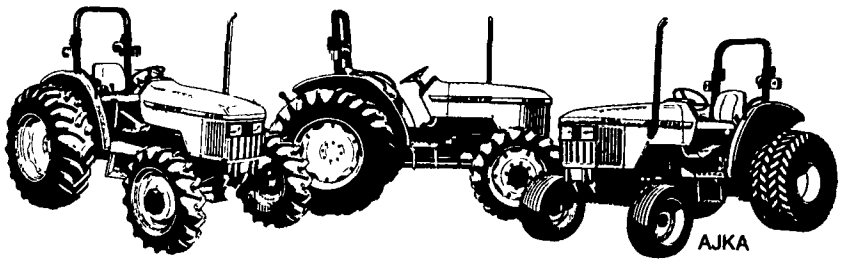

A new spirit in farming is catching on fast. And it will be here soon! It's three new 5000 Series Spirit Tractors. You'll want to find out more about these new 40-, 50- and turbocharged 60-hp tractors because they're loaded with big tractor features at attractive prices.

So don't wait another minute! Come on in and get ready to farm with Spirit!

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Cheese Facts For Holiday Usage

ST. THOMAS (Franklin Co.) — Are you a "turopheles"?

If you are, then say "cheese," says Jennifer Rosenberry, PA Alternate and Franklin County Dairy Princess. A turopheles is someone who loves cheese.

Because cheese is such a popular and nutritious snack, serving it as an appetizer this holiday season is a must! But before one can serve cheese, one should know a few things about this dairy product.

There are more than 2,000 kinds of cheese, all with different flavors, textures, and appearances. Natural cheeses are cheeses that have not been processed by blending and pasteurizing. The following is a list of several natural cheeses and their flavor, texture, appearance, and country from which they originated.

1. American- mild flavor; semisoft texture; light yellow to orange color; United States.

2. Mozzarella- mild flavor; semisoft to soft texture; white color; Italy.

3. Swiss- mild flavor; hard texture; pale yellow color; Switzerland.

4. Cheddar- mild to sharp flavor; hard texture; white to orange color; England.

Of special note: A "hard" texture means smooth, with or without holes, and easy to slice; examples are Cheddar, Swiss, and Colby. A "semisoft" texture denotes cheeses which may appear smooth or crumbly and soft; examples are Blue Cheese, Brick, and Mozzarella. "Soft" cheeses are fresh varieties such as Cream Cheese, Cottage, and Ricotta or cured varieties such as Brie, Feta, or Limburger.

Most people know that milk is nutritious because it contains calcium, protein, phosphorus, and vitamins B2, A, and D which build and repair bones and teeth, protect eyesight, prevent oily hair and skin, maintain body temperature, and allow the blood to clot. But is cheese as nutritious as milk? Yes! Natural cheeses contain the calcium, protein, phosphorus, and vitamin B2 found in milk. In addition, cheese is low in lactose, making cheese an excellent source of nutrition for consumers who are lactose-sensitive.

The key to cheese storage is proper container use. Natural cheeses should be kept in their original wrapper, or in any wrapper such as plastic wrap, which will create a barrier to moisture. If cheese does dry out, the hard pieces can be grated and stored in an air-tight container and used for cooking. Because cheese with absorb odors from other foods, be sure it is freshly re-wrapped after opening. Cheese should be refrigerated at 40 degrees F.

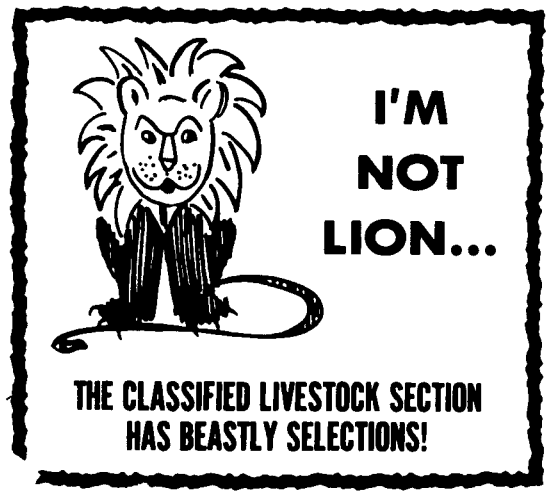
Commonly asked questions about cheese include: "Can cheese be frozen?" "How is cheese measured, and how much will I need for my party next week?" "Must I discard the whole package of cheese when it develops mold?" These questions are especially important when perfection is necessary.

Cheese can be frozen for six to eight weeks. Pieces of cheese to be frozen should weigh less than 1 pound, be no more than 1 inch thick, be wrapped tightly in an air-tight package to prevent moisture loss, and be frozen quickly at 0 degrees F or less. To thaw, place cheese in the refrigerator for 24 hours. Cheese should then be used within a few days.

Measure cheese by weight, especially if it is shredded or cubed. Four ounces of natural cheese equals 1 cup when shredded. Three ounces of a hard-grating cheese, such as Parmesan, equals 1 cup when grated. When not served as part of a recipe, cheese is best served at room temperature. After refrigeration, hard cheeses will come to room temperature in about one hour; semisoft cheeses require less than one hour. When serving cheese at a party, plan on serving two to four ounces per person.

Cheese mold usually develops due to improper wrapping. Although most molds are harmless, some may produce toxins, so to be safe, a half-inch of cheese on all sides of the visible mold should be discarded.

"I hope these cheese tips will be useful this holiday season," said Jennifer. However, only REAL cheese will produce the taste you desire because these cheeses are made with REAL milk. So do not forget to ook for the REAL seal on the cheese package. And pass the cheese please!"



4-H HAPPENINGS

4-H Stresses Gun Safety

Parents who are buying a BB or pellet rifle as holiday presents for their son or daughter should understand the responsibility of teaching rifle safety and supervising shooting activities. Before allowing the youngsters to handle a rifle, be sure they know how and understand the rules.

For the third year in a row, the 4-H Shooting Sports program extends an invitation to all youth who receive a BB or pellet rifle to attend a free educational meeting at the Montgomery County 4-H Center on Tuesday, December 29. The program starts at 7:30 p.m.

A parent or guardian must accompany the boy or girl and stay until the program is over. Be sure to bring the rifle. It must be empty. Both BB's, pellets and targets will be provided by the 4-H certified instructors. There will also be targets available to take home. A homemade BB and pellet trap will be illustrated.

For additional information, contact 4-H instructors Paul Werkheiser (215) 539-0670 or Paul Reber (215) 699-3342 during evening hours.

School Video Teaches Pork Knowledge

CHICAGO, Ill. — Teachers say that at least 72 percent of their students can compare fat content of fresh pork to chicken, discuss changes in pork production to provide a product the consumer desires, select the best cookery method for different pork cuts, prepare pork recipes, and explain why pork is a nutrient dense food after using the Around the World with Pork kit.

This Pork Industry Group junior and senior high school home economics video kit has been requested by 14,000 techers, or 82 percent of the target audience. It reaches 2.8 million teenagers yearly. Funding is from a producer checkoff grant from the National Pork Board.

The evaluation of the kit was conducted by returned questionnaires from teachers across the country. It also showed that 80 percent of the teachers teach about pork in their home economics curriculm. Almost 90 percent of the teachers said that Around the World with Pork introduced new information about pork.

For some teachers, pork would not have been a separate topic from other meats without the kit. "This program allows us to introduce very important messages to students. This includes the '31 leaner' and 'think pink' platforms that we have been focusing on as industry," says N.D. pork producer Lowell Gemar, chairman of the Pork Industry Group Information Committee.

The Pork Industry Group, a division of the National Live Stock and Meat Board, conducts demand-building information, education and research programs. Programs are funded by the producer checkoff, packers and processors.

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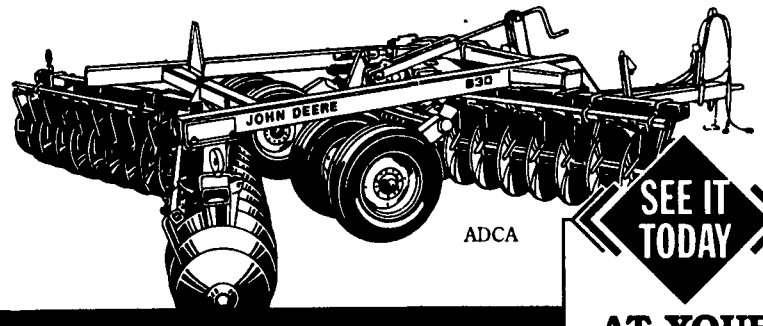

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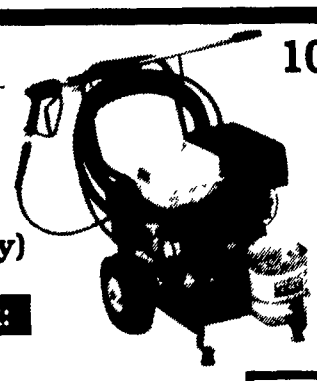

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New Idea #711 grain combine head $200 Also #26 Super combine with grain head, good engine for parts. Berks Co 717-933-4721.

JD Trailer plow, 2-12 spokes, rubber works, bad mowboards, no coulters $35. Dave Downs, P O Box 377, Fountainville, PA 18923 Bucks County 215-249-0377

AC round baler, good shape. 717-386-2099 Carbon County.

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40 Ft aluminum ladder $125 150,000 BTU gun heater $150 Electric gas pump $100 Keystoker $100 Lebanon Co 717-865-2460.

One pair 23x850x12 garden tractor chains (8x12) Cherry firewood Pygmy goat 10 months old 717-872-2168 Lanc Co

Snow plow, Western power angle Isarmatic Mark III a hydraulics, lights inc $1500 York Co 717-757-6555 nearly new

IH bale thower. #10 very good $550; or #15 excellent $800 Both complete, your choice Will fit on #46-#445 IH balers Carroll County 410-848-0711

Used springwagon on steel with lights $850 Also cub tractor with plow and cultvators Lanc Co 717-859-3833

2350 IH Mount-O-Matic loader with 8' material bucket excel condition asking $2000 716-554-5389 Yates Co

84 Ford F150 Shortbed, 300-6 cyl , PS, PB, AM/FM Cassette, sliding rear window, no rust, inspected, exc cond $2750 OBO 301-898-5455 even/wk ends Fredrick Co Md

Farmall H engine has power pac, power steering, live hydraulics, painted two years ago, 12 volt system Berks Co. 717-933-5307

28 sheep ready to lamb January $60 each. Call 717-259-7187

76 Phoenix 11 ft plus over cab slide in truck camper equipped $650 Consider interesting trade 6-9 p m 717-428-1737 York

Eskimo pups for sale Also 404 hay crusher and 16 Horse Sprigg Staaton engine good shape Abner King, 502 S Shirk Rd , Gordonville, PA 17529

1000 lb. Fairbanks Morse platform scales $120 22 in grindstone handcrank or pulley $25 22 in butcher kettle good cond Write Kauffman, RD 1 Box 229, Logantown, PA 17747 Clinton Co.

24x36 mobile home North St Petersburg, Fl , 5 star park, furnished, carport, enclosed porch, 1½ bath, 2 BR. 717-243-1281.

1926 Fordson tractor restored, 1973 Ford w/ Grove rollback, Fordson tractor needs restored Farmall Cub w/belly mower Chester Co 215-869-9662 day, 215-869-2826 night

73 Dodge ext cab pickup 360 V8, 4 spd , runs but needs work $300 Neg York Co 717-235-5448

MF 175 diesel tractor with front-end loader $3500 410-778-0349.

1988 F-350 dually gas 26,000 miles, 351 EFI spare, ex. shape $11,450 Ford 4000 tractor $4500. 3 pt. PTO 80% rubber, springtooth harrow, $200, Delaware Co 215-566-1339

2" Jaegar trash pump, model 2APN, hoses, B&S engine, low hours 215-369-0531 after 5 pm, Bersk Co

Esco 500 gallon milk tank with 2 yr old Tecumsch compressor $700 will sell separately Berks Co 215-756-6756 I-78 exit 12 Krumsville

MH side rake field ready $85. 9 ft , 3 pt spring tooth harrow, like new $225 York Co 717-235-2032

1990 International trailer - 4 ton 18 ft w/Beaver trailer, steel ramps, no CDL needed $1800 Berks Co 215-845-7664

Two Charolais bulls, no papers 700 to 800 lbs York Co 717-252-1170

NH #33 crop chopper for parts, Grove forage wagon, metal parts, make offer over junk price York Co 717-432-5686 no Sunday calls.

Horse cart on rubber, good cond $450 15" planer, 6" jointer, ½ " shaper, all used very little Lanc Co 717-656-9879

1988 Ford 4x4 ¾ ton 8600 GVW 351 V8, 5 spd one owner 42,000 orig miles, ex cond $9995 1987 Grand Am fully equip with access $3295 Indiana Co 814-749-0879

JD 630 farm or collector tractor, showroom cond. reduced price $5,595 Cumb. Co 717-249-5797.

JD 420 tractor w f p s L.P.T.O $2500 Oliver 1550 loader tractor, frt bale spear exc. $4600 Balto Co Md 410-655-7094

Year round tractor cab 375.00 OBO Lanc Co 717-354-0866

Egret gas lanterns, bright durable, safe, economical $69 95 ppd 12 V rechargeable flashlights $29 95 Amos K Petersheim 137-B N Harvest Rd , Bird-in-Hand, PA 17505 717-768-8062

160 bu wheat bagged since harvest, test weight good for milling $3 a bu N W Shirk, 263 Boot Jack Rd , Narvon 17555 Lanc Co. Pa

2 speed truck rears for diesels 9 00-20 $325 8.25-20 $250 HT750 Allison trans $1250 12x12 tan fiberglass door $250 Leb Co 717-866-7213

Schwinn Panther ladies bike (balloon tire) 5 gal ice cream freezer $350, Antique printing press $750 Montg Co 215-256-9925

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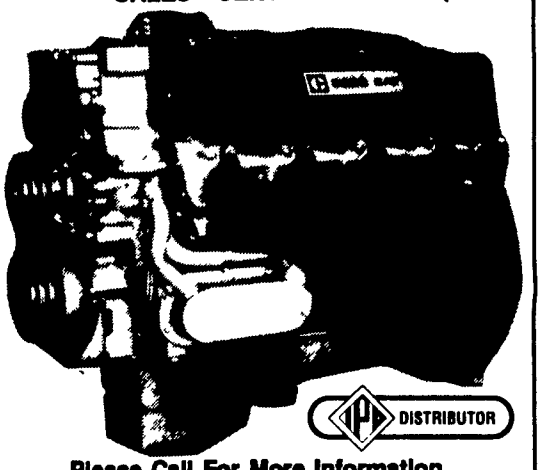

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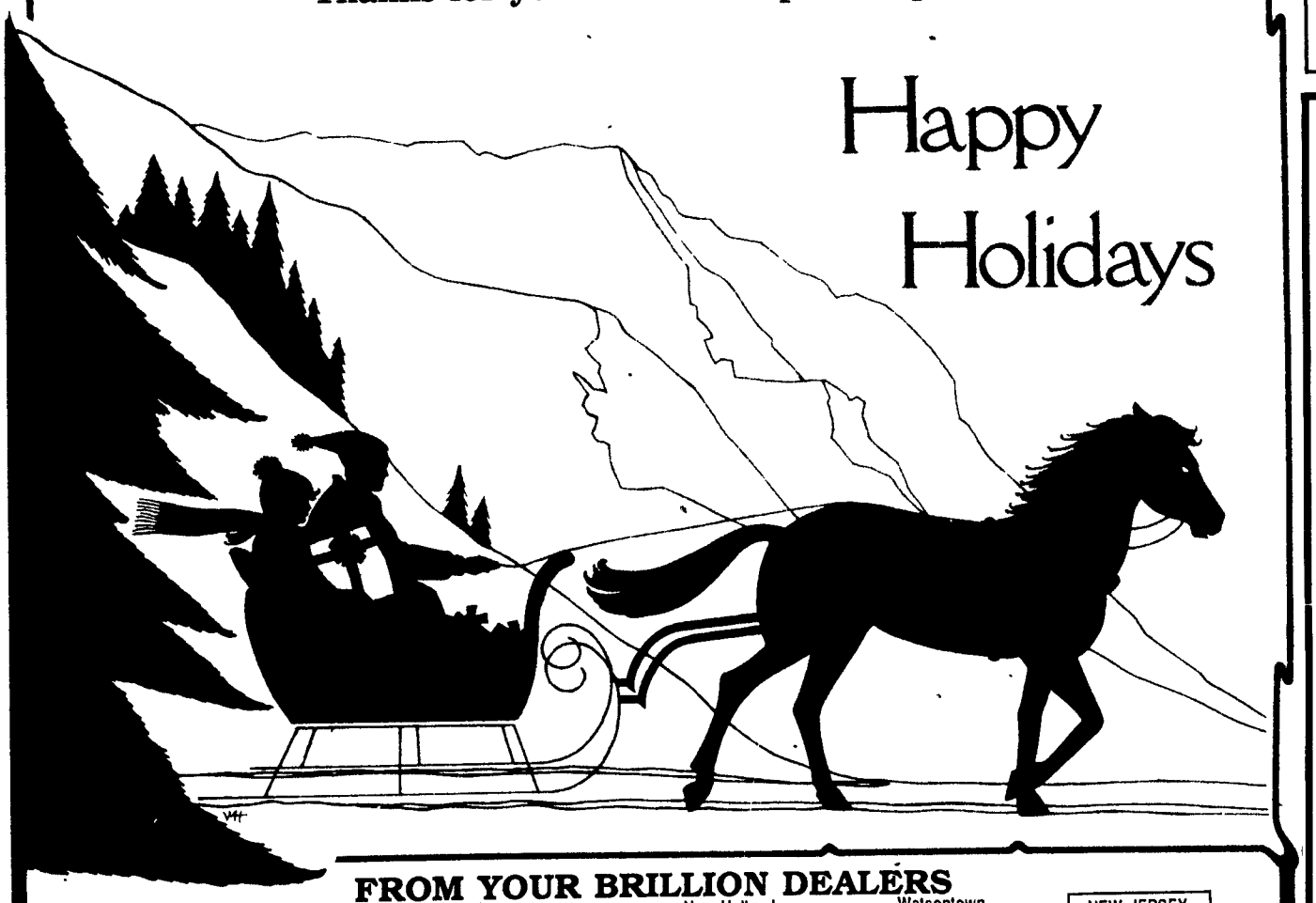

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Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

DECEMBER

SAT DEC 26 - 10AM, Farm Equipment, Skid Loader, Spring Wagon Located South Of Kutztown & Rt 222, One Mile East Of Topton, Turn N Onto Forrest Drive, To Farm, Berks County, Pa Ordered By, Irvin & Arlene Shirk Conducted By Ralph W. Zettlemoyer Auction Co , Inc

SAT. DEC 26 - 10AM Older farm toys, Winross trucks, Ertl trucks, banks, Tonka & Buddy-L & lots more. Harry's Auction Randy Stoltzfus, Richard Harry, aucts.

SAT DEC 26 - 10AM Trucks, farm equipment, cars. US Rt. 50 & Woodyard Rd , Willards, MD. Laurence Adkins, owner Pete Richardson, auction sales, inc

SAT. DEC 26 - 10AM, Hess Trucks, Farm Toys, Ertl Banks, Winross, Pressed Steel & Lots More!! Located At 11 Graybill Rd , Leola, Pa (8 Miles East Of Lancaster, Just Off Rt 23 In The Village Of Bareville) Randy Stoltzfus & Richard Harry, Aucts

SAT. DEC. 26 - 1 30PM Jersey Shore Livestock Auction, Rt 44, 2 Miles South Jersey Shore, Pa

MON DEC 28 - 11 30AM, Complete Dairy Herd, Heifers, Bull-Service Age Located From Taneytown Bank 2 8/10 Miles To 1812 Trevanion Road, Turn In Lane At Bridge, Sale Sign Posted The Late Lloyd C Bollinger Calvin Amoss, Auct

MON DEC 28 - 12Noon, Tomato Equipment & Farm Equipment. Located Washington Court House, Ohio At The Fayette County Fairgrounds Just North Of State Route 35 Or State Route 22 (50 Miles Southwest Of Columbus Ohio) Various Owners Schrader Auction.

MON. DEC. 28 - 12 Noon, 12 head registered llamas At New Holland Sales Stables Horse Sale By Hammer Creek Exotics

MON DEC 28 - 4PM Year end inventory reduction sale for Farmersville Equipment. At Farmersville Fire Co , 74 E. Farmersville Road, Farmersville, Pa. Miller & Seigrist, auct.

TUES DEC 29 - 10AM Tractors, duals, hubs, weights, combines, heads, drills, planters, attachments, tillage tools, misc equip, truck & delivery equip, shop tools, office furniture & parts dept fixtures 20 Miles west of Columbus, OH on I-70 to US 42, then 6 miles south to the auction at London, Ohio Owner London Truck & Tractor Schrader Real estate & auction Co

TUES DEC 29 - 11AM Modern farm equipment, grain bin, trucks, skid loader, buggies & sleighs 10 miles N of Allentown, Pa In the village of Neffs, from the Church take Laurey's Station Rd for 1 mile to Old Post Road (rt 329), turn left toward Slatington for 7 mile, turn R onto Rockdale Rd , continue L onto Red Hill Rd , leads into River View Rd , a total of 2 7 miles, L on Ranch Rd to farm, Lehigh Co , Pa For Ronald & Norma Royer. Ralph W Zettlemoyer, auct.

WED DEC. 30 - 3PM, Public Sale Of Antiques, Household Goods, Collectibles, Toys & Tools Located At The Horst Auction Center, At The Corner Of Rt 322 & Durlach Rd (Approx 2½ Miles West Of Ephrata), Ephrata, Lancaster Co , Pa Horst Aucts.

WED DEC 30 - 4PM Collection of Hummels, antiq2ues, collectibles, primitives, costume jewelry, coins At Springetts Fire Co Social Hall, 3013 E. Market St., York, PA. Brian L & Jacob A Gilbert, aucts

THURS DEC. 31 - 12 Noon, Short Notice Union Co Dairy Herd Dispersal Located at the Village of Swengel, 5 miles west of Mifflinburg, Pa off Rt 45 For Mr & Mrs T H "Ted" Stover Bryan D Imes, auct

MAILBOX MARKET FOR SALE

Belmhorst F4A hay moisture tester, windrow 10", 36" $145 Talbot Co Md 410-745-9408 after 7 30 p m

Original operators manuals, JD 50 & 3020, Oliver 770-880 Allis 175 Farmall 460 or 560 $25 each 607-692-3676.

NH 56 rake rubber teeth $895 Bobcat skid loader as is $895 Ni wheel rake $250. pair 15 5x38 tires $295 NH 512 pto manure spreader $850 215-445-4358

MAILBOX MARKET WANTED

Old pictorial and sample cigar labels, cigar molds, old adv. signs Cash paid York Co. Phone evenings 717-252-3591.

State inspection equipment, headlight aimers, ball-joint guage, etc Also roll-about toolbox. Adams Co. Call after 4 p.m. 717-624-4153.

Old antique tractors and steam engines. Call 215-489-0198 Montgomery County.

Scrap N.H. box spreader, scrap farm tractors and crawlers salvage price paid for parts Fulton After 6 p m 717-485-5372

Simplicity 40/40 implements sickle bar, disc, belly mower, etc Phone 215-588-0798 or 588-7415 Northampton Co.

Bucket to fit 8N. Aslso Tew veg washer. Call 908-689-1641 evenings Warren, NJ.

Loader Case Model 54-L complete with brackets, hydraulics etc. to fit Case International Model 1394 tractor 703-459-3564

Stuck or magnatrack with hydraulic loader Also mowing attachments for Simplicity Power Max 717-265-6465.

Round hoop green house in good cond. Will dismantle if required Sny. Co Write Stanley Martin, Box 650-B R2, Liverpool, Pa 17045.

Tailgate for IH 550 manure spreader, also need regular bucket to fit MF 200 crawler loader. Lanc. Co. 215-445-7268.

Cattle head gate. Auto or manual. 717-943-2328 after 3 p m.

Architectural antiques wanted, wrought iron fencing,f lower urns, gates, furniture, mantels, stained glass, also used furniture. Lanc. Co. 717-354-6564.

Someone to pickup beagle puppies from Old-Towne Maine. Bring back to Pa-Md. area Reasonable fee paid. Co. Cty. 410-398-7680.

NH 411 windrow inverter. For Sale V.W. engine $60, 24"x24" S S. tool box, $150 for truck (new) Leb. Co. 717-272-0041.

Grinder mixer in good cond. Leb Co. 717-865-3919.

MAILBOX MARKET NOTICE

Free dog female, Lab and Setter mixed, 3 years old, black. Lancaster Co. 717-653-4470.

For rent house and barn with shop. No electric. Daniel M Beiler, 624 Willow Rd., Lancaster, PA 17601

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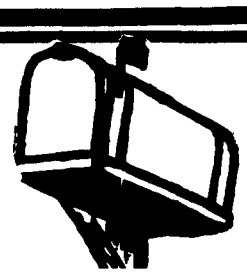

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Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

JANUARY

FRI. JAN. 1 - 9AM Dutch cupboard, oak furniture, fiestaware, books, guns, antiques, household goods auction held indoors at the Leesport Farmers' Market banquet hall located off of Rt. 61 approx. 10 miles N of Reading or 6 miles S. of Hamburg in the village of Leesport, Berks Co., Pa. Dennis Wagner, auct

FRI. JAN. 1 - 9AM Annual public sale, 7 miles S. of Martinsburg, WV or 14 miles N. of Winchester, Va. off Interstate 81, take Exit #5 (Inwood) Route 51 E. approx. 3½ miles East of Inwood, WV turn right at Shutts Cash Grocery ,2 mile to sale. Edgar A. Bohrer, Sr. Sale Manager. Edgar A. Bohrer, Jr. app. auct.

FRI. JAN. 1 - 12Noon, Residential Development Land - 129 Acres & Gentlemans Farm w/16 Acres & 1800's Stone House. Located 3/4 Mile North Of Manchester, Pa. On Rt. 181, Turn Right Onto Meeting House Road, Go To Stop Sign, Turn Left Onto Board Road To 1st Road On Right - Chestnut Street, Land On Left. Watch For Signs. Rentzel's Auction Service.

FRI. JAN. 1 - 6:30PM, Toy Show & Auction. Local & Road Trucks By Winross, Many Farm Related Collector Trucks, Banks, Hess Trucks And Others. Located At Old Hickory Resort Inn, 2 Miles North Of Lancaster Off Route 272. All American Auction.

SAT. JAN. 2 - 8:30AM Household goods, antique and carpenter tools. Located along Goods Road, 2 miles West of Hinkletown, West Earl Twp., Lanc. Co. Rt. 322 in Hinkletown, turn west on Farmersville Rd., right on Goods Rd. By Katie S. Zimmerman Estate Paul W Horst, Leroy S. Horst, aucts.

SAT. JAN. 2 - 9AM, Household Goods, Antiques And Tools. Located Along Goods Road, West Earl Township. Terms By, Katie S. Zimmerman Estate. Paul W. And Leroy S. Horst, Aucts.

SAT. JAN. 2 - 9AM Furniture, household goods. For Marion MacReynolds Location - Norman Parker Farm, 146 Jacobstown-Cookstown Rd., Wrightstown, NJ Lee Parker, auct

SAT. JAN 2 - 9AM, Public Sale Of Antiques, Primitives & Collectibles Located At The Horst Auction Center At The Corner Of Rt 322 & Durlach Rd. (Approx 2½ Miles West Of Ephrata), Ephrata, Lancaster County, Pa Horst Aucts.

SAT. JAN. 2 - 11AM 100+ Hd. Holsteins, dairy & barn equip, Ag Bagger & forage equip, Hay & Ensilage 2158 RD #1 Prospect Pa. Take St Rt 422 east of Neww Castle, Pa or west of Butler to st Rt 528 then north 1 mile to farm lane & left. Russ Kiko, auct

SAT. JAN. 2 - 1:30PM Jersey Shore Livestock Auction. Rt 44, 2 Miles South, Jersey Shore, Pa

MON JAN 3 - 6 30PM, Wholesale Furniture Located At A&C Diffenbach Auction, Inc., 100 West Jackson St., New Holland, Pa. 17557. Alan Diffenbach, Auct

MON. JAN. 4 - 5 PM Restaurant and market fixtures. Colonial Park Markets, Rt. 22 Harrisburg, Pa From I-83 take Colonial Park exit - Rt 22 East - next to Hills, across from Pathmart. Mark Baranowski, auct.

TUES. JAN 5 - 9 30AM Hess Rd in Leola, Horse Drawn farm machinery, draft horses, milking equip and feed Amos K & Elizabeth Glick. Steve & Steve Jr. Petersheim, auct 215-593-2828.

TUES. JAN. 5 - 11AM, Mt Rock Farm Cow Sale Located South Of Carlisle, Pa, Off I-81 At Plainfield Exit To Rt 11, South 2 Miles To Cumberland Golf Course, Turn Right, Go 1 Mile To Clay Rd., Left To Stop Sign, Left To 2nd Farm On Left Owners, Bill & Cynthia McKeehan Rick Foreman, Auct.

WED JAN 6 - 3PM, Public Sale Of Antiques, Household Goods, Collectibles & Tools Located At The Horst Auction Center, At The Corner Of Rt 322 & Durlach Rd (Approx 2½ Miles West Of Ephrata), Ephrata, Lancaster County, Pa Horst Aucts.

WED JAN 6 - 6:30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc Nascar Items, And Misc Toys Located At A & C Diffenbach Auction Inc, 100 W. Jackson St, New Holland, Pa 17557. Alan Diffenbach, Auct

FRI JAN 8 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

FRI JAN 8 - 10AM Farm equipment, tools and misc household items Located S. of Manheim, approx 2 miles at the premises known as 1333 Woodlot Road Just South of Fruitville Pike and Bucknoll Road For Rachel B King E.M Murry Assoc, Aucts

FRI JAN. 8 - 11AM, Vanlure Milking Herd Dispersal. Located At Kling's Sale Barn, Located 15 Miles North Of Carlisle, On Route 74, 2 Miles Northeast Of Landisburg, Pa. Selling For, Frank And Susan Ricigliano Sale Managed By, Kling's Auctions, Inc

SAT JAN. 9 - 9AM Farm Equipment Located 2 Miles Southeast Of Route 472 From Kirkwood, 7 Miles Southeast Of Quarryville, Two Miles South Of Bartville Store At 68 Morrison Mill Road, Lanc. Co, Penna Owner, John Stoltzfus Diffenbachs aucts

SAT JAN 9 - 9AM North American Wild Animal Trophy Collection and Related Items At Springetts Fire Co. Social Hall, 3013 E Market St., York, Pa For the estate of Frank Lobitz of Hazelton, Pa Jacob A & Brian L Gilbert, aucts

SAT JAN 9 - 10AM, Tractors, Combine, Trucks, Farm Equipment Located From Easton, Md Follow Rt 50 West To The Airport (62 Mile Marker), Turn Left Onto Rt 662 (Longwoods Rd.), Go Approx 3 Miles To Farm On The Left From The Bay Bridge Follow Rt 50 East To 58 Mile Marker, Turn Right Onto Rt 662 (Longwoods Rd) And Go Approx 4 Miles To Farm On The Right (Signs Posted). Owner, Mr & Mrs Phillip Hutchison A Curtis Andrew Auction, Inc

SAT JAN 9 - 11AM, Public Auction Of Valuable Real Estate. Located At 229 W Main Street, Leola, Upper Leacock Twp, Lancaster County, Pa A lot 26x95 Terms By Alice E Martin Robert & Jeffrey Martin Aucts, Cynthia Balkeslee Attorney

MON JAN 11 - Leroy S and Anna Z Musser Located 2225 Bald Eagle Rd, Drumore, Pa. Farm equipment and tools. Paul E. Martin, Auction Service

MON. JAN 11 - 9AM, Truck, Farm Equipment, Tools. Located From Lancaster, Route 272 South Through The Buck, ¾ Mile Past Valley View Restaurant Turn Right Onto Spring Valley Road Go To Second Stop Sign, Turn Left Onto Slate Hill Road, Go 3 Miles To Town Of Fairfield, Turn Right Onto Bentor Hollow Road At First Y Keep Right, At Next Y Keep Left On Bald Eagle Roac To First Farm On Left Lancaster County, Pa Auction By, Leroy S & Anna Z Musser Paul E Martin Auction Service

TUES JAN 12 - 9AM, Valley Forage Electric Supply Co Located Kimberton, Pa (Rt 113 & Seven Stars Rd (Chester Co) Midway Between Phoenixville & Lionville, Pa (Off Rt 113) By Order Of John Foulds Richard J Moyer, Auct

TUES JAN 12 - 10 30 Sharp Horse Sale, Draft, Driving And Mules Located At 834 Wallace Rd, New Holland, Pa Owner, Mel Hoover Abe Diffenbach, Auct

WED JAN 13 - 3PM, Antiques, Household Goods, Collectibles, Tools Located At The Horst Auction Center, Located At The Corner Of Rt 322 & Durlach Rd, (Approx 2½ Miles West Of Ephrata), Ephrata, Lancaster County, Pa Horst Aucts

FRI JAN 15 & SAT. JAN 16 - Sesstion I- 8 30AM, Session II- 5 30PM, Session III- Sat 8 30AM 3 Session Unreserved Public Auction, 1580 Lots- Primitives, Pottery, Carnival Glass, Textiles, Country Furniture, Folk Art, Etc Located At Horst Auction Center, 50 Durlach Rd, Rt 322 - 2 Miles West Of Ephrata, Lanc Co, Pa Terms By, T Glenn Horst & Son, Inc Horst Aucts

FRI JAN 15 - 9AM, Farm Equipment & Supplies Located At A&C Diffenbach Auction Inc, 100 West Jackson St, New Holland, Pa 17557 Alan Diffenbach, Auct

FRI JAN 15 - 9AM Mechanic shop & garage equip. From Lanc, Pa take Rt 222 S app. 10½ miles to New Providence, turn West onto Main St to Cinder Rd. turn right, go 2 miles to sale on right By Charles & Sheila Faltermayer Aucts Kreider, Kline & Good

FRI JAN 15 - 2PM, Absolute Real Property Auction 181 Acres Mostly Wooded With Roadways, Pond, Springwater & Sewage Permit! No Buildings! SALE POSITIVE! Located Between Gold & Geneses, Pa Pirrung Aucts, Inc

SAT JAN 16 - 9AM Antiques, household goods Loc Take Rt 472 So of Quarryville, Pa 4½ Mile, on the right Or from Oxford take Rt 472 North 8½ mile Terms by Elma Pearle Bard, estate Kreider, Kline & Good Aucts

SAT. JAN. 16 - 9AM, Farm Machinery, Household Goods, Some Antiques Located In Huntingdon Co., 1 Mile East Of Alexandria, Pa, Along Route 305 Owner, Sam Rishel Glick & Gibboney, Aucts

SAT JAN. 16 - 11.30AM, Public Auction Of Mules, Horses And Ponies Approx. 60 Head Located Between New Holland And Leola Turn Off Route 23 On South Groffdale Road, 1 Mile To Sale, On The Roy Stoltzfus Jr Farm, Lanc Co, Pa Terms By Stephen G Lantz Robert & Jeffrey Martin Aucts.

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REAL ESTATE
SATURDAY, JANUARY 30, 1993
AUCTION TIME - 1:00 P.M.

LOCATED AT 1213 BRUNNERVILLE ROAD. From Lancaster, Route 501 North through Lititz. At North end of Lititz turn East onto Newport Road, 1 mile to Brunnerville Road. Turn left to property on right. Warwick Township, Lancaster County, PA.

HOLLAND STONE RANCHER

Includes large kitchen with built-in cabinets & breakfast area; formal dining room w/2 built-in china closets; living room w/fireplace; laundry & utility room; 1½ baths; 2 bedrooms; full basement. Attached 2 car garage w/electric door opener.

* Public Sewer
* Well water
* Storm windows
* Macadam drive
* Cedar closet
* Wall air conditioner
* Drapes & Curtains will remain w/property
* Oil fired hot water baseboard heat

OPEN HOUSE: Saturday, January 2, 1993, 12:00 noon - 3:00 P.M. Saturday, January 9, 1993, 12:00 noon - 3:00 P.M.

or by appointment. For private showing or assistance to obtain financing, call Auct. Paul E. Martin at 717-733-3511.

TERMS: 10% down day of auction, balance at final settlement on or before March 15, 1993.

NOTE: This is a very good starter or retirement home. Do not miss seeing this fine property.

Auction By:
SAMUEL M. & JUDITH E. HORST

George J. Morgan, Attorney

PAUL E MARTIN AUCTION SERVICE
Professional AUCTIONEERING
AU-001611-L
Paul E. Martin 717-733-3511
Aaron E. Martin 717-738-4168
Ephrata, PA

ABSOLUTE AUCTION
RESTAURANT AND MARKET FIXTURES
MONDAY, JAN. 4
5 PM

Colonial Park Markets • Rt. 22 • Harrisburg, PA. Directions - From I-83 take Colonial Park exit - Rt. 22 East - next to Hills across from Pathmart.

Restaurant Equipment

Mantiwoc & Scottsman ice machines, **Kelvinator** 2 Door Freezer, (2) **Hobart** Potato Peelers, 16' and 20' refrig. and hot food bars, 3 bowl sink, many tables, booths and chairs, SS updraft, bag in box soda system, ice vendor **Hobart** chopper w/grinder, **popcorn** mach, steam table, **electric and gas fryers,** small stainless steel, china, glass items, (2) walk-in coolers - 8'x10' so much more!

Store Fixtures

(40) 7' high x 48" **Lozier** type shelving (20) 10' high x 48" double retail shelving, great for grocery or retail, many produce counters, deli cases, bakery cases, shopping carts, 20' glass display case, frozen food cabinets, decor-flags, signs related to market, many racks, soda vendor.

Special Interest

Trans-A-Dock hydraulic dock leveler - (platform rises to truck level and returns to floor level), **Handy Herman** 115V electric high reach 24', pallet jacks, carts, steel 2"x4", parking lot lights, (12) fiberglass sinks, construction materials, new lawn furniture and picnic outfits.

Terms: Cash or good PA check. Checks out of central PA must be pre-approved. First quality consignments are welcome and will be offered at this sale.

Contact Auctioneer for pictured brochure
Mark Baranowski, Auctioneer 2570
(717) 657-2317

MB AUCTION

ABSOLUTE
* PUBLIC AUCTION *
YEAR END INVENTORY REDUCTION
SALE FOR
FARMERSVILLE EQUIPMENT
MONDAY, DECEMBER 28, 1992
4:00 P.M.
At Farmersville Fire Co.
74 E. Farmersville Road, Farmersville Pa.

* Milwaukee Power Tools & Accessories *
Weatherguard Truck Tool Boxes & Ladder Racks
* Winco Portable Generators * * Echo Chain Saws & Trimmers * * Century Welders & Battery Chargers *
* Welding Supplies * Parker Lawn Sweepers *
* Sanborn Air Compressors & Supplies *
* Valley Truck Receiver Hitches *
* Garden Tractor Tire Chains *
* Miscellaneous Hardware & Hand Tools *

NOTE: Everything sells to the highest bidder regardless of price. PA Sales tax will be charged, unless buyer shows PA Sales Tax exemption license number.

Sale By:
FARMERSVILLE EQUIPMENT
142 East Farmersville Rd., Ephrata, PA 17522
Located in the Village of Farmersville
717-354-2150

Auction Conducted By:
Miller & Seigrist Auctioneers
717-687-6857 AU-1723L

TERMS: Cash, Visa, Master Card or Good Check.
Food Available Thru Farmersville Fire Co. Ladies Auxiliary

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

TUES JAN 19 - 1PM, Valuable Real Estate Consisting Of 68 Acre Farm With Adjoining 41 Acre Tract Of Land Located At 402 Fieldcrest Drive, RD#1, Willow Street, West Lampeter Twp, Lanc. Co., Pa. Dir From Lanc Take Rt. 222 South Approx. 5 Miles, Turn Right On Fieldcrest Drive. Second Farm On Left. Sale For, Parke & Mary Breckbill. Tract #2 (Same Time & Location). Sale For, P William & Susan Breckbill Miller & Siegrist, Aucts

FRI & SAT JAN 22 & 23 - 9AM 137 Acre farm, antiques, household goods Loc From Lancaster, Pa. take Rt. 22 So. app 12½ mile Or from Quarryville, ½ mile North on Rt 222 Terms by Frances K Shenk, Estate Kreider, Kline & Good Aucts

FRI. JAN. 22 - 9AM Farm Machinery, mules & 40 head heifers Quarry Rd, Paradise Owners John S. & Susie Fisher Auct Steve & Steve Jr Petersheim 215-593-2828

FRI. JAN. 22 & SAT JAN 23 - 9AM Both Days, Real Estate 1 PM- Jan 23 2 Day Public Auction Of Valuable 137 Acre M/L Farm, Antiques, Household Goods Located From Lancaster, Pa Take Rt 222 So App 12½ Miles To Property On Right Or From Quarryville, ½ Mile North Along Rt 222 Terms By, Frances K Shenk, Estate Kreider, Kline & Good Aucts

FRI. JAN 22 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT JAN 23, Antiques, Household Goods, & Tools Located At The Brickerville Fire Hall. For Samuel M & Judith E. Horst. Paul E & Aaron E. Martin, Aucts.

SAT JAN. 23 - 9.30AM, Public Auction Of Mules, Farm Machinery, Hay, Corn And Some Household Goods. Located Along No Hollander Rd, 1½ Miles So. Of New Holland, 3½ Miles So. Of Rt 23 Sale For Melvin K Lapp Paul & Michael Snyder, Aucts

SAT JAN 23 - 10AM, Farm Equipment, Horse Buggy, Cart, Camper Trl. Located (North Of Allentown), Exit Off Rt 78, Onto Rt. 145 (7th St) Go N A Total Of 6 Miles, Turn Left Onto Clearview Rd, Go 6 Mile, Turn L Onto Robin St, Go 4 Mile To Farm, Lehigh County, Pa Ordered By, John & Sharon Laub Conducted By, Ralph W Zettlemoyer Auction Co, Inc

MON JAN 25 - 3PM, Antique Furniture, Fine Glassware & Collectibles Located Brickerville Fire Hall Beard Estate From Cornwall Etal E M Murry Associates, Aucts

TUES JAN 26 - 9AM, Quilt, Craft & Buggies Located At A&C Diffenbach Auction Inc, 100 West Jackson St, New Holland, Pa 17557 Alan Diffenbach, Auct

TUES JAN 26 - 9AM Full line of farm machinery, 4 lead mules, 30 head of heifers from Ebersole herd - 1 mile N. of Bird in Hand, John & Sadie Ebersol Steve & Steve Jr. Petersheim 215-593-2828.

TUES JAN. 26 - 9AM, White Oak Carriage Shop Located From Lancaster, Pa Take Rt 222 So App 10 Mi Turn Left On White Oak Rd Go 2 Mi Turn Left On Eisenberger Rd Or From Strasburg Take May Post Office Rd So. App 4 Mi. Turn West On White Oak Rd. Terms By, Rachel B. (Mrs Amos L) Stoltzfus Kreider, Kline & Good, Aucts

TUES JAN 26 - 10AM White Oak Carriage shop From Lanc, Pa Take Rt 222 S app. 10½ miles, turn left on White Oak Rd (At 222 Serivce Station) go 2 miles turn left onto Eisenberger Rd Or from Strasubrg take May Post Office Rd. app. 4 miles turn West onto White Oak Rd. 1 mile By Mrs Amos L Stoltzufs Aucts Kreider, Kline & Good

WED JAN 27 - 9AM, Quilt & Craft Located At A&C Diffenbach Auction Inc, 100 West Jackson St, New Holland, Pa 17557 Alan Difffenbach, Auct

THUR JAN 28 - 9AM Farm machinery, mules, bred gilts, sows, 3 mile N of White Horse Ike & Fanny Beiler Steve & Steve Jr. Petersheim 215-593-2828.

FRI JAN 29 - 10AM, 43 Holsteins, Horses & Farm Machinery Located In Centre Co, Turn South Off Route 192 Between Madisonburg & Rebersburg, Pa, Onto Route 445 (Milheim Road) 1st Farm On Left Samuel & Martha Kanagy. Mark Glick, Auct.

SAT. JAN 30, Real Estate-Holland Stone Rancher. Located At 1213 Brunnerville Rd For Samuel M. & Judith E. Horst. Paul E. And Aaron E Martin, Auct.

SAT. JAN 30, Public Auction Of New & Used Farm & Construction Machinery Located At Newark Valley, N.Y. Sale By Goodrich Auction Service, Inc.

SAT JAN 30 - 8 30AM, Antiques, Org. Farmall Pedal Tractor, Marbles, Lewisberry Coffee Mill, Toys, Indian Motorcycle Books & Wrenches, Fishing, Hunting, Motorboat, Dogs & Automobile Lic's, Books, Manuals, Tools, Adv Pcs, Emblems, Old Fountain Pens, Tobacco Tins, Watch Fobs, Lionel Train Set, Lanterns, Steam Whistle, Oyster Cans, Watch Fobs Located At The Lisburn Comm Fire Co, 1800 Main St, Lisburn, Pa If Traveling On I-83 N Or S, Use Exit #18, Take Rt 114 W For 5 Miles Or Traveling On Rt 15 Use Bowmansdale Exit, Take Rt 114 E For 6 Miles To Fire House Signs Posted Owner, Al Winsky Little Ike Eichelberger, Auct

SAT JAN 30 - 9AM, Antiques, House Goods From Lancaster Take Rt 272 So. App 15 Mi To Property On Left Or From Maryland Line Go North On Rt. 272 App. 10 Miles. Terms By, Fred J & Grace Kreider. Kreider, Kline & Good, Aucts

SAT. JAN. 30 - 9.30AM, 6th Annual Toys & Baseball Cards Auction. Located Brickerville Fire Hall. E.M. Murry Associates, Aucts

SAT. JAN. 30 - 10AM 1809 stone house, barn, buildings, on about 4½ acres plus farm equipment, household goods, antiques. South 1½ mile of Atglen on old Route 41 (Gap - Newport Pike) Chester co. Sale by G&K Brendle

SAT. JAN. 30 - 10AM, Historic Ring's Tavern, Spring Grove Farm- Real Estate, Farm Equipment, Tools, Antiques, Household Goods Located Along Gap-Newport Pike (Old Rt 41), 6 Mile South Of Atglen, West Fallowfield Township, Chester Co, Pa Terms By, Glenn M Brendle & Karen T. Brendle Horst Aucts

SAT. JAN. 30 - 12Noon 46 Acre York Co. Farm Located along Bon Air Rd off Rt 851, Glen Rock, PA in Codorus Township, York Co., Pa. Mr. and Mrs. Philip Andre, Sellers C Martin Heaps, aucts.

TWO DAY PUBLIC AUCTION

VALUABLE 137 ACRE M/L FARM
ANTIQUES - HOUSEHOLD GOODS

FRI. JAN. 22 & SAT. JAN. 23, 1993

Sale Time 9 A.M. Both Days
Real Estate 1 P.M. Jan. 23

Loc: From Lancaster, Pa. Take Rt. 22 So. app. 12½ miles to property on right. Or from Quarryville, ½ mile North along Rt. 222.

Lrg 2½ story stone home, lrg frame barn, tobacco shed, 2 car garage. App. 80 acres tillable, app. 30 acres woodland, pasture w/stream, road frontage. Zoned residential. Open house, Sat's Jan. 2 & 9 from 1 to 4 P.M. or by appt. call Aucts. 717-786-3394.

Terms: 10% down day of sale, balance upon settlement.

Lic. #513L **717-786-3394**

Terms By

FRANCES K. SHENK, Estate
Donald E. McVey, Executor and
Chester G. Eshleman, Executor

KREIDER & KLINE & GOOD AUCTION SERVICE

HORST AUCTION CENTER

PUBLIC SALE

ANTIQUES, HOUSEHOLD GOODS, COLLECTIBLES, TOYS & TOOLS

WED., DECEMBER 30, 1992
AT 3 P.M.

Sale to be held at the Horst Auction Center, located at the corner of Rt. 322 & Durlach Rd. (approx. 2½ miles west of Ephrata), Ephrata, Lancaster Co., PA.

FURNITURE

6 Leg Walnut Table; Jelly Cupboard; 6 Center Arrow Chairs; Napanee Kitchen Cabinet Base; Mahogany Desk; Maple Bedroom Suite (Twin Pineapple Beds); Bedroom Suite; Hutch; Chests; Marble Top Tables; Sofa; Sofa Beds; Ladderback Chairs; Formica Breakfast Set; Needlepoint; Pictures.

APPLIANCES: Freezer; Color TVs; Electrolux; Westinghouse Oven.

CHINA & GLASSWARE

Set of Haviland China; Late Adams; Sponge & Yellowware; Austrian & Bavarian China; Fiesta; Roseville & Weller; Johnson Ironstone; Fruit & Flower Bowls; Collector Plates; Heisey Glass; Cut Glass & Lead Crystal Glassware; Flint Glass; Depression Glass; Pressed & Pattern Glass; Hobnail; Fire King, Kerosene Lights; Agateware; Tinware; Wooden Handled Knives & Forks; Sterling Silverware; Candleholders; Cookie Cutters; Spatulas, Brass & Iron Dipper; Demijohn; Crocks & Jugs.

LINENS: Wool Spread; Counterpanes; Hooked Rugs; Braided Rugs; Indian Scarf; Jewelry; Baskets; Stamps; Advertising Tins.

TOYS: Climbing Monkey; Cast Fire Engine; Tractor & Banks; Tin Friction Cars & Trucks; Farm Toys; I.H. & Ford Tractors; Hess Trucks; Tin Lunch Boxes; Boy's Tool Chest; Dollhouse Furniture; Marbles.

TOOLS: Wooden Molding Planes; Wooden Rake; Croquet Set; Tin Cutouts.

No out of state checks unless accompanied by a current bank letter or prior arrangement with auction service.

HORST AUCTS. AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 738-3060
Fax # (717) 738-2132
"VOICES OF EXPERIENCE"

PUBLIC AUCTION

Forty Head Of Home Raised Heifers
Full Line Of Farm Machinery, 700 Gallon Milk Tank - Sputnick - Diesel, New 1991
Seven Head Mules - Hay - Ear Corn

Friday, January 22, 1993
9:00 A.M.

Sale held at farm on Quarry Road, Lancaster, PA. 2 miles Southeast of Paradise. From Route 30 go South on Belmont Road. From Route 741 go North on Belmont Road to Quarry Road.

40 HEAD HEIFERS - Approximately 1:30 P.M. 40 HEAD

Ten head due January thru March. Thirty head short bred to calves, all A.I. sired vaccinated, all home raised out of Fisher herd. Milk cows sold private to neighbor. R.H.A. over 18,000 M. Presently 3.9 Fat. Mostly Select Sires used.

AUCTIONEER'S NOTE: You will like these heifers out of a clean herd.

Mules - Hitches - Harness

Pair red sorrels; pair blond sorrels; 3 single mules, 2 black mules 17 hands, red sorrel; 10 sets of harness; bridles; extra collars; horse trees; hitches.

Approximately 40 Ton Alfalfa Hay - 80 Ton Ear Corn Milk - Barn Equipment - Calf Barn

28 horsepower Deutz diesel, new 1 year; 700 gallon Mueller milk tank; 3 stall calf barn; Sputnick milk mover; Wic bed chopper; 275 gallon fuel tank; 300 gallon air tank; 2 wagon loads small items.

Farm Machinery - Case 830 Tractor

New Holland 455 mower, hyd. control; Grimm tedder; New Holland 256 rake; New Holland 55 rake; **New Holland 311 baler with Lombardi diesel;** 2 flat bed wagons; New Holland 36' elevator, hyd. unit; **White Horse 2 bottom plow;** KBA 24 discs disc harrow; John Deere 9' spring tooth harrow; 9' cultimulcher; log field roller; **3 row Pequea corn planter;** McCormick Deering No. 9 silage cutter; Stoltzfus built rotary mower; Brillion 8' seeder; Pequea conventional manure spreader; Stoltzfus side delivery liquid spreader; corn drag; gravity bin wagon; New Idea 323 corn picker; 4 forecarts, 2 with steering; Wiard 106 walking plow; Case 830 tractor on steel, PTO, hyd. pulley; spike harrow; acetylene torch and welder.

Few Household Goods - Antiques

Wooden beam walking plow; 1 horse mill sleigh; 4 burner gas stove; 2 door metal closet; arm rocking chair; table; tubs; 1940 car brochures; **1926 metal hunting licenses;** kerosene heater; lot of dishes; bench vise; more items not listed.

Owner:

John S. & Susie Fisher

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
AU 001349L

Food On Premises

PUBLIC SALE

SATURDAY, JAN. 9, 1993
9:00 A.M.

Located Two Miles Southeast Of Route 472 From Kirkwood, Seven Miles Southeast Of Quarryville, Two Miles South Of Bartville Store. At 68 Morrison Mill Road, Lanc. Co., Penna.

FARM EQUIPMENT

Deutz 158 h.p. 6 cylinder diesel with irrigation pump; Pequea manure spreader; New Holland "66" baler; New Holland "401" crimper with motor; Dual spinner hay tedder with Lombardiana diesel.

Little Brinton 9' spring harrow with new shoes; 9' cultipacker; 9' spring harrow; Two New Holland and One Gehl ensilage blowers; steel wheel wagon.

Zimmerman 32' elevator; Portable 12' metal grain elevator; 12' and 16' small grain elevators; 21' Skeleton elevator with electric motor; Lancaster Silo Fan with Kawasaki motor; Portable Airplane propeller fan.

Bartville Welding 34' hay rack on wheels; Two 16' hay racks made with treated lumber; 12' hay rack made with treated lumber on skids; One round metal hay rack.

Six round roof fibre glass calf hutches; three pen calf kennel with inside feeding alley.

Three 3-point hook-up bale carriers for square and round bales; 3-point hook-up motor lift; 12' steel wheel wagon; Portable full length cattle chute with head gate; saw buck; Fairbanks 2000 lb. scales with large platform; LOTS OF GOOD USED TIN: Used lumber, 2"x4"s; 2"x6"s; 2"x12"s; oak loading ramp.

Three feed carts; two ensilage carts; three Minnich tobacco presses; 16' overhead door; gas and fuel tanks; several wagon loads of small items.

Torch outfit; six sets of scaffolds; approximately 400 treated spindles for porch railings; express wagon; snowfence; windows; belts; spouting; pipe fittings; 14" Bandsaw.

LIKE NEW BLUE 14'x18' UTILITY SHED
HAY AND STRAW BY THE TON

New oak flat top desk; office chairs; playpen crib; Warm Morning coal stove; Vermois coal stove; recliner; screen house; etc.

No Out of State Checks.
Sale 9:00 A.M.

Owner,
JOHN S. STOLTZFUS
Diffenbachs Auct. 225L
Good Food Available

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

FEBRUARY

MON. FEB. 1 - 6:30PM, Wholesale Furniture. Located At A&C Diffenbach Auction Inc., 100 West Jackson St., New Holland, Pa. 17557 Alan Diffenbach, Auct.

TUE FEB. 2 - 9AM Livestock and Farm Equipment. Ten miles east of Lancaster, 2 miles west of Gap, ½ mile So. of Route 30 at 262 Brackbill Road, Lanc Co. Pa. David S Lapp. Diffenbachs, Aucts.

WED. FEB. 3 - 6:30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc Nascar Items, And Misc. Toys. Located At A & C Diffenbach Auction Inc., 100 W. Jackson St., New Holland, Pa. 17557. Alan Diffenbach Auct

FRI. FEB. 5 - 10AM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa.

SAT. FEB. 6, Farm Equipment & Household Goods. Located 151 Hergelrode Dr., Myerstown, Pa. For Willis N. & Esther B. Good. Paul E. & Aaron E. Martin, Aucts.

SAT. FEB. 6, Farm Equipment & Household Goods. Located Rt. 322, 4 Miles East Of Blue Ball, Pa., Lanc. Co. Owner, Martin Zeiset, Jr. Nevin Z. Martin & Sons, Auct.

SAT. FEB. 6 - 9AM, Valuable Real Estate, Antiques, Personal Property. Located At 3201 Eastern Blvd., In Springettsbury Twp., York, Pa. Esther Sentz, Richard Axe, Executors. Jacob A. & Brian L. Gilbert, Aucts.

SAT. FEB. 6 - 10AM, Private Collection Of Coins. Located Brickerville Fire Hall. E.M. Murry Associates, Aucts

SAT. FEB. 6 - 11AM 75 Head of Big, young mules Located ½ mile Northeast of Route 340 at 2008 Horseshoe Road. Lanc. Co. Pa. Paul S. Smucker Diffenbachs Aucts.

SAT. FEB. 6 - 11AM Bath, New York Area, (Between Wheeler and Kanona) Earl Ownes Complete Crop Farm Machinery Auction Pirrung Auctioneers, Inc. 716-728-2520.

SAT. FEB. 6 - 11AM Draft mule auction. 3 miles East of Lancaster, just ½ mile north of Rt. 340 at 2008 Horseshoe Rd., Lancaster Silo Co. Lanc. Pa. 17601 By Paul S. Smucker. Diffenbach, auct.

SAT. FEB. 6 - 11AM, Farm Equipment, Crops, Tools, Household Goods. Located From Blue Ball Take Rt. 322 East, Approx. 4 Miles To Sale On Left. From Honey Brook Take Rt. 322 West, Approx. 2 Miles To Sale On Right, Caernarvon Twp., Lancaster Co., Pa. Sale For, Martin Jr. and Erma Zeiset. Nevin Z. Martin & Sons, Aucts.

SAT. FEB. 6 - 1PM Real estate, 3 BR ranch style house. Terms by Bertha W Huber Estate. Auctioneers Roy Good, Randy Kline, Lloyd Kreider

SAT. FEB. 6 - 2PM, 3½ Acres, Real Estate w/2 Story Dwelling, Workshop (30'x70') & Barn (38'x40') Located At 610 N Farmersville Rd, Ephrata Township, Lancaster Co, Pa Directions Rt 322 (E Main St) On East Side Of Ephrata, Turn South Onto Bethany Rd., Bear Left Onto Farmersville Rd To Property On Left. Terms By, Elam N Zimmerman & Laura B. Zimmerman. Horst Aucts.

TUE FEB. 9, Farm Equipment. Located Ext 21 PA Turnpike, Rt 272 North To Rt. 897, Turn Right On 897 South Go Approx. 2 Miles To Farm On Left. Right Before Turnpike Bridge, Brecknock Township, Lancaster County. Terms, Noah M. and Erma H. Weaver. Roy Good, Randy Kline, & Lloyd Kreider, Aucts.

TUE. FEB. 9 - 9AM Livestock and Farm equipment, just South of Strasburg Proper, at 235 So. Jackson Street, Lanc. Co., Pa. Eli Ebersole. Diffenbachs Aucts

TUE. FEB. 9 - 9AM, 82 Acre Farm & Farm Equipment. Located Take Rte. 322 (Lebanon Co.) Between Campbelltown & Fontana At Lebanon Valley Bible Church Take Mt. Pleasant Rd. To Sale Site Terms By, Adam M Brandt Estate. Raymond Miller & Jim Hershey, Aucts.

FRI FEB. 12 - 9AM, Farm Equipment & Supplies Located At A&C Diffenbach Auction Inc, 100 West Jackson St, New Holland, Pa 17557 Alan Diffenbach, Auct

FRI. FEB. 12 - 9 30AM, 6 Big Sorrel Horses, Dairy Items & A Good Line Machinery. Located 2 Miles South Of Allensville, Pa, Along Route 655 Owners, Mr. & Mrs. Jesse Detwieler, RD, Millcreek, Pa. Mark Glick, Auct

SAT FEB 13 - 9AM, Horses, Mules, Heifers, Full Line Of Farm Equipment & Tools. Located 12 Miles South Of Nine Points, 9 Miles North Of Oxford, At 313A Bell Road, Lanc. Co., Pa. Owner, Jacob Kauffman. Abe Diffenbach, Auct

TUE. FEB 16 - 9AM Livestock and Farm Equipment 4 miles SE of New Holland, 2 miles North of Rt 340, just East of Route 897 at 5393 Seldomridge Road, Lanc Co, Pa Levi S Stoltzfus, Jr Diffenbachs Aucts.

FRI. FEB 19 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc, New Holland, Pa.

SAT. FEB. 20, Farm Equipment, Household Goods, And Antiques. From Blue Ball Take 322 W 1 Mile To White Oak Road Turn Right Come To Y Bare Right Onto West Quarry Road To 2nd Farm On Right. Terms By, Titus W and Anna W Zimmerman Roy Good, Randy Kline, Lloyd Kreider, Aucts.

SAT FEB 20, Farm Equipment, Tools, H H Goods Located R D #6, Lebanon, Pa For Homer B. and Shirley J Boll Paul E. And Aaron E Martin, Aucts

SAT. FEB 20 - 9AM Livestock and farm equipment, Located 1 mile Northeast of Route 896 from Nine Points, along Vintage Road Lanc. Co, Pa Jacob K Miller, Diffenbach, aucts.

SAT. FEB 20 - 9AM, Full Line Of Farm Equipment Located Mid-Way Between Intercourse And Gap. Turn Off Rt. 772 Close To Pequea High School. Turn East On New Holland Road To Y ¼ Mile On Hershey Road, 1st Farm Right. Terms By, Glenn & Velma Hershey. Robert E & Jeffrey R. Martin. Randal Ranck Apprentice.

TUES. FEB. 23 - 9AM, Farm Machinery, Belgium Horses. From Strasburg Rt. 896 So. 4 Miles, Turn Right On Weaver Rd. To Winter Hill Rd 1st Farm Right. Or Off Rt 222 Hessdale Turn East On Bunker Hill Rd, Right On Sandstone Rd. Left On Stively Rd. Left On Winter Hill Rd Terms By, Christian K. Miller Kreider, Kline & Good, Aucts

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SHORT NOTICE

Public Sale of the late Lloyd C. Bollinger in business over forty years.

MONDAY, DEC 28TH

AT 11:30 AM

Complete Dairy Herd, Heifers, bull-service age, 37 milking, 5-bred heifers, 2-yearlings, 28' of silage, 1-corn crib, Barn floor of bale hay. Bou-Matic milking parlor set up w/4 units, 410 gal. tank.

Located from Taneytown Bank 2 8/10 miles to 1812 Trevanion road, twin in lane at bridge, Sale sign posted.

The Late

Lloyd C. Bollinger

Thomas E. Forney, Executor
Calvin Amoss - Auctioneer
Phone 1-410-756-6784
Terms- Cash

PUBLIC AUCTION

TRUCK - FARM EQUIPMENT TOOLS

MONDAY, JANUARY 11, 1993

AUCTION TIME - 9:00 A.M.

Directions: From **Lancaster, Route 272 South** through the Buck, ¾ mile past Valley View Restaurant turn right onto **Spring Valley Road.** Go to second Stop sign, turn left onto **Slate Hill Road,** go 3 miles to town of **Fairfield,** turn right onto **Benton Hollow Road.** At first Y keep right, at next Y keep left on **Bald Eagle Road** to first farm on left. Lancaster County, PA.

MASSEY FERGUSON 1105 DIESEL

W/ multi power & dual outlets; **Massey Ferguson 285 diesel** W/ cab, multi power, dual outlets & good tires; **Massey Ferguson 285 diesel** W/ multipower & dual outlets, good tires (no cab); **John Deere A** 1948, good running cond.; **New Holland #** 499 twelve Ft Hydra Swing Haybine, used 2 seasons; **N.H. #** 277 baler W/ thrower; N.H. # 849 Auto Wrap Baler; M.F. # 520, 14' disc harrow; Brillion 14' crowfoot cultipacker; Glenco wing field cultivator W/ weatern harrow, I H. # 710, 4 X 16 auto. reset plow; Glenco 9 tooth trailer type chisel plow; N.H. # 258 hay rake W/ dolly wheels & rubber teeth; N.H. tandem axle spreader W/ hydr. tailgate; **Fidelity 25 K.W. Generator** on transport, **Fox #** 2310 forage harvester W/ 8 knife cutter head, 1000 R.P.M.; 2 row narrow corn head; 8 ft. pickup head; 3 N.H # 8 crop carriers forage wagons on tandem axle gears, 2 with roofs; N.H. # 30, 1000 R.P M. hopper blower; I.H. # 56 hopper blower; **Allis Chalmers #** 333 four row **no till air corn planter** W/ insecticide hoppers; three 18' hay wagons W/ thrower racks; Zimmerman 28' elevator; Little Giant corn drag; J.D. 16-A flail chopper; 300 gal. trailer type field sprayer W/ hydraulic booms; 2 gravity bins, one on running gear; two 3 pt. bale movers; Pequea P.T.O. tedder; 3 pt. blade; 3 pt. sprayer W/ hand nozzle; Youngs applicator for baler; wheel weights, fertilizer auger, hydraulic dump lift; cattle trailer; 3 pt Farmlund bale wrapper

1968 FORD SINGLE AXLE DUMP TRUCK

runs good;

NEW HOLLAND S-14 HYDROSTATIC LAWN TRACTOR

W/ 42" mower deck & 3 pt hookup; sprayer frame parts; 2 fuel tanks W/ pumps; 1 fuel tank W/ elec pump; wheelbarrow; feed cart; 2 ton chain hoist, Lincoln welder; air compressor; Hyd jacks; cylinders; oil barrel & pump; **grease** gun; hand cart; bench vise **Duracraft ¾ " drill press;** bench grinder, fence chargers; truck canvasses; tool boxes; bolts & bins, ¾ " **socket set;** air tank; creeper; water bowls; lot of misc. hand tools; handyman jack; fuel cans; air impact wrench; log chains; fuel cans, etc.

AUCTION BY

LEROY S. & ANNA Z. MUSSER

Call Leroy after 6:00 P.M. at 717-548-3466

PAUL E MARTIN AUCTION SERVICE
Professional AUCTIONEERING
AU-001661-L
Paul E. Martin 717-733-3511
Aaron E. Martin 717-738-4166
Ephrata, PA
Food at auction

PUBLIC AUCTION

OF VALUABLE NORTH AMERICAN WILD ANIMAL TROPHY COLLECTION AND RELATED ITEMS

ON SATURDAY, JANUARY 9, 1993

At 9 A.M.

At Springetts Fire Co. Social Hall, 3013 E. Market St., York, Pa. To be offered at public auction for the Frank Lobitz Estate of Hazelton, Pa., also items from Wrightsville, New Port, Pa. & Others.

TROPHY COLLECTION

Very large Alaskan brown bear standing upright, Several head & full mount black bears, Black bear cub, Shoulder mount Caribou approx. 345 pts., Full mount Black Wolf, Full body mount Mountain Lion, Full mount Badger, Shoulder mounts of the following - Dahl sheep, Antelope, Mountain Goat, Black tail & mule deer, Caribou, Moose, Bison, 2 large 6x6 elk, 5 Whitetail deer, Fallow deer, also full mount Cougar attacking whitetail, full mount Wolverine, Wild Boar mounts, Albino deer head.

SMALL GAME TROPHIES — FISH & RELATED ITEMS

Pheasants, Sage Grouse, Rabbit, Raccoon, Bobcat, Black Squirrel, Weasel, Flying Wild Turkey, 2 wall mounted Blue Fish approx. 30", Star Fish, Lot of Big Bass, Trout & Salmon mounts, also Walleye, Muskie, etc., Very large Moose & Elk antlers, 50 sets of white tail deer antlers, also cape Buffalo horns, Sable & Impala, set of 6' Longhorns, 2 Elephant table lamps from Thailand, Zebra drum, Morocco leather hassock, Mountain Goat table lamp, Mallard duck table lamp, Mink & muskrat skins, Kangaroo & various other hides, skulls, etc.

Large Grizzly Bear rug with head 8'x7'6", Silver Wolf rug head & hide, 2 Black Bear rugs, Cinnamon color black bear rug, Black Bear rug with head, Winchester Model 70 - 300 Win. mag. with B&L scope, Winchester Model 02-22 rifle, Bear traps, lots of hunting books and misc. related wildlife & hunting items. Not responsible for accidents on day of auction.

PREVIEW SHOWING: Friday eve. Jan. 8, 6:30 P.M. to 8:30 P.M. and 1 hour prior to auction.

Refreshments Available

TERMS: Cash or Approved Check, No out of state checks.

Jacob A. Gilbert, Lic. #336
Brian L. Gilbert, Lic. #2256
Auctioneers - Tel. (717) 252-3591

PUBLIC AUCTION

VALUABLE REAL ESTATE CONSISTING OF 68 ACRE FARM M/L with adjoining 41 acre tract of land

This is Prime Lancaster County Farmland!

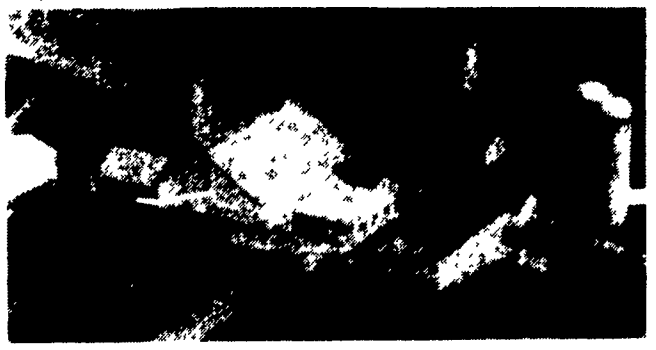
TUESDAY, JANUARY 19, 1993 • 1 P.M.

402 Fieldcrest Drive, RD#1, Willow Street, West Lampeter Twp., Lanc. Co., PA

Dir.: From Lanc. take Rt. 222 South approx. 5 miles, turn right on Fieldcrest Drive. Second farm on left.

Tract #1 Real Estate consists of...

2½ Story Stone & Farm Bank Barn w/Attached 1 Story Block Milkhouse, Bulk Tank, Pipeline, 37 Tie Stalls, Lg. Loafing Area & Barn Cleaner.



Frame Tobacco Shed w/Tin Roof, Pole Barn Implement Shed w/ Painted Steel, Heifer Barn, 2 Story Frame Building w/Storage Area, 1 Car Block Garage, Two 16' x 52' Poured Concrete Silos, One 10' x 45' Concrete Stave Silo (All w/Auto. Unloader), Bulk Feed Trough w/Auto. Feeder, 2 Car Block Garage.

2½ Story Frame Dwelling w/Perma-Stone & Asphalt Shingle Roof.

First Floor: Kitchen w/Modern Cupboards, Dining Room/Office Comb., Lg. Living Room, Half Bath, Laundry.

Second Floor: 4 Bedrooms, Full Bath & Storage Area.

Partial Concrete Basement, Oil-Fired Furnace w/Hot Water Baseboard Heat, 4 Circuits, Summer & Winter Hook-up, Well Insulated, Well, On-site Sewer, Paved Driveway.

Buildings are in good condition. Ground mostly level. High state of cultivation. Zoned agricultural.

This farm is located in a prime area of Lancaster County.

OPEN HOUSE: Tuesday, December 29 and Tuesday, January 5, 9 a.m. - 3 p.m. or call auctioneer for appointment (717) 687-6857.

TERMS: 10% down, balance on or before April 1, 1993.

ATTORNEY: J. Elvin Kraybill

SALE FOR:

PARKE & MARY BRECKBILL

TRACT #2 (SAME TIME AND LOCATION)

41 ACRES M/L ADJOINING LAND W/13 ACRES TILLABLE AND 28 ACRES WOODED AREA W/RIGHT-A-WAY OFF RT. 272. ZONED RURAL.

TERMS: 10% down, balance on or before March 1, 1993.

SALE FOR:

P. WILMER & SUSAN BRECKBILL

Miller & Siegrist Auctioneers
Elvin Siegrist • 687-6857
Alvin Miller • 392-1547
Paul Andrews
AU-1723-L

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

TUE FEB 23 - 9AM Livestock and Farm Equipment ¼ mile South of Route 30 along Route 896 at 46 Hatman Bridge Road Lanc Co Pa Jonas L Beiler Diffenbachs Aucts

TUES FEB 23 - 9AM Late model tractors and farm machinery, Ed Horning & Sons, along Meadow Valley Road, 1½ mile West of Ephrata, PA, Lancaster County Rentzel, Goodrich & Brown, aucts

TUE. FEB. 23 - 9 30AM, 50 Head Holsteins And Modern Farm Machinery Located In Mifflin Co , 1 Mile South Of Reedsville, Pa.; Along Route 655 Owners, Mr & Mrs. Kare N Kauffman, RD, Reedsville, Pa Mark Glick, Auct

WED FEB 24 - 9.30AM Full line horse dawn farm machinery, draft horses, 2 miles North of White Horse Jacob & Ruth King Steve & Steve Jr Petersheim 215-593-2828

THUR , FEB 25 & FRI FEB 26 - 8 30AM, 2 Day Public Auction Both Days Will Be At 8 30 AM Antiques, Tractors, Engines And New Used And Abused Farm Equipment Located 2½ Miles West Of New Holland, Turn Off Route 23 On South Groffdale Road Turn Left On Musser School Road, Lancaster County, Pa Terms By Elias S Beiler, 601 Musser School Road Must Have Listing Of What You Want To Sell By January 12, 1993 Robert E And Jeffrey R Martin, Blaine And Nevin Rentzel, Bob And Dennis Wolgemuth, Randal Ranck, Ed Goodrich Jr , Aucts

FRI FEB 26 - 9 30AM, 5 Head Work Horses, Horse Drawn Farm Machinery & Some Furniture Located In Mifflin Co , 4 Miles North Of Reedsville, Pa , On Honey Creek Road, Turn Right In Lane Owner, David S Zook, RD, Reedsville, Pa Mark Glick, Auct

FRI FEB 26 - 10 30AM, Mayerdale Farms Complete Dispersal Selling J D & N H Machinery, Holstein Cattle & Dairy Barn Equipment Located Honeyoe Falls, New York Pirrung Aucts , Inc 716-728-2520

SAT FEB 27, Very Fine Antiques Located At 1369 W Main St , Ephrata, Pa For Arlene H Minnich Estate Paul E And Aaron E Martin, Aucts

SAT. FEB 27 - 8 30AM, Public Sale, 20th Annual All Day Sale Of Horses, Mules, Farm Equipment, Hardware, Tools, Household Goods, Guns, Coins, Quilts, Groceries, And Much More Located At The Strasburg Fire Co , 46 West Main St , Strasburg, Pa By The Strasburg Fire Co

SAT FEB 27 - 9AM, Farm Machinery, Shop Tools & Some Furniture Located 3 Miles S E Of Sunbury, Pa , Take Route 147 South 1 Mile, Turn Left On Brush Valley Road, 2 Miles To Cider Press Road Owners, John W (Bud) And Mary Snyder Mark Glick, Auct

SAT FEB 27 - 9 30AM, Farm Machinery, 3 Tractors, Combine, Antiques & Household Goods Located On Farm Near Pottsgrove, Pa Owners, Daniel K & Louise Lazarus Fraley Auction Company

SAT. FEB. 27 - 10 30AM, Complete Dispersal Of Hay And Grain Farm Machinery. Located Trenton, New Jersey. Owners, Mr. & Mrs William D. Facey Pirrung Aucts , Inc

MARCH

MON MAR 1 - Wholesale Furniture Located At A&C Diffenbach Auction Inc , 100 West Jackson St , New Holland, Pa 17557 Alan Diffenbach, Auct

PUBLIC AUCTION
OF FURNITURE & HOUSEHOLD GOODS
ON
SATURDAY, JANUARY 2, 1993
AT 9:00 A.M. SHARP

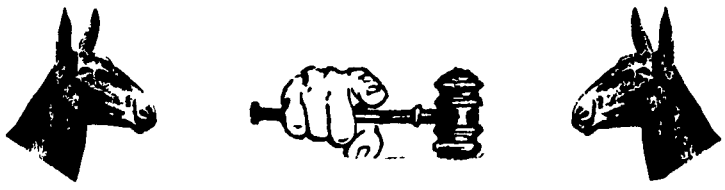
Selling for Marion MacReynolds. Location - Norman Parker Farm; 146 Jacobstown-Cookstown Rd., Wrightstown, N.J. 08562.

Wash stand; Martha Washington sewing stand; dressers; chairs; end tables; sofa & chairs; coffee table; sewing machine; china cabinet; floor lamp; dining room table w/chairs; hutch; buffet; library table; kitchen table w/chairs; metal cabinet; wooden towel racks; chest; TV stand; cane bottom chairs; beds; odd chairs; trunks; mirrors; paltform rocker; smokers stand; school desk w/chair; stereo cabinet; vanity table w/bench; boys & girls bike; wash tub; refrigerator; set china; glassware; lot pots & pans; books; mixer; rugs; old music sheets; fans; ladder; push mowers; blankets; hat boxes; afghan; quilts; linens; porch swing; box lots. Miscellaneous articles too numerous to mention.

Lunch will be available on the premises.

Seller or Auctioneer are not responsible for any theft, injury or accident of any kind on sale premises.

Terms: Cash or Good Checks.
Auctioneer - Lee Parker
(609) 723-2010
Sale Manager - Norman Parker
(609) 758-8603
RAIN OR SHINE!!!



PUBLIC AUCTION
OF MULES, DRIVING HORSES & PONIES, APPROXIMATELY 60 HEAD

SAT. JAN. 16, 1993 SALE AT 11:30 A.M.
WILL BE HITCHING AT 9:00 A.M.

Located between New Holland & Leola. Turn off Rt. 23 on South Groffdale Rd. 1 mile to sale. On the Roy Stoltzfus Jr. Farm. Lanc. Co. PA.

Six pair sorrel molly mules all three & four yr. old standing from 16.1 to 17 hands all broke all have worked on local farms this summer.

Dina & Peral 4 yrs. old well broke for anything on the farm safe for children to ride or drive. Have been used for wagon rides this summer at the fair grounds, worked on farm for 2 yrs.

Babe & Betty 3 yrs. old stands 17 hands broke for lines in farm machinery were used in south for hay rides as two yrs. olds.

Salt & Pepper dark sorrel 3 yrs. old stands 16.2 & 16.3, well broke for all farm machinery.

Pet & Peggy blocky sorrel mollys 3&4 yrs. olds, 16.2 & 16.3, well broke w/snap.

Polly & Dolly blonde sorrels mollys 3 yrs. old 16.2 well broke works good in lines.

Jewel & Jenny blonde sorrel mollys well matched - both have white spots on forehead light mane & dark tails stand 16.1 workers in lines.

Also 1 pr. sorrel molly mules welled boned & broke standing 15.3 worked on farm all yr. A few single mules w/sizes & broke.

Selling 25 to 30 head of mules for Bill Cochrn from Tennessee, mostly good large mules some of these will be worked on our farm before the sale.

One Load of mules from Illinois w/a few large pairs & some smaller mules.

1 load of Standard bred driving horses from Ruben Stoltzfus, a few ponies, broke.

Terms By
STEPHEN G. LANTZ

Aucts Note- In case of snow storm sale held Jan. 23, 1993.
Auct- Robert E. & Jeffrey R. Martin
656-7770 **AU-000580L**

Refreshment Available

HORST AUCTION CENTER
PUBLIC SALE
OF ANTIQUES, PRIMITIVES & COLLECTIBLES
SAT., JANUARY 2, 1993
AT 9 A.M.

Sale to be held at the Horst Auction Center, located at the corner of Rt. 322 & Durlach Rd. (approx. 2½ miles west of Ephrata), Ephrata, Lancaster Co., PA.

FURNITURE

RED BLANKET CHEST (3 Drawers, Strap Hinges); Blanket Chests; (5) Rope Beds (High Backs); Farm Table; One Drawer Stand; (21) Grained Church Pews; (40) Benches (Various Lengths); Kneeling Benches; Oak Bed; Half Spindle Chairs; Chairs; Cane Seat Wheel Chair; Arch Back Chairs; Flour Chest; Dry Sink; Wood Box; Hanging Wall Cupboard; Hanging Comb Case; Bench Table; Tiger Maple Stand; Field Desk; Windsor Chair; Decorated Chest; Jiggs Ashtray; EDISON CYL PHONO w/Horn; Columbia Cyl. Phono w/ Horn; Table Top Victrola; Concert & Gem Roller Organs; Banjo Clock; Ship's Bell Clock; Marble Mantel Clock.

CHINA & GLASSWARE

LG. COLLECTION OF LEEDS PLATES; Ironstone; Stick Spatter; Stubenville Basset Pitchers; Majolica Spittoon; Nippon; Copper Lustre; Bottles; Crocks & Jugs; Pressed & Pattern Glass; Kerosene Lamp; Wooden Handled Knives & Forks; Iron Kettles.

TINWARE: Coffee Pots; Communion Cups; Tubs; Ladles & Spoons; Sprinkling Cans; Antique Locks.

AGATEWARE: Gray Coffee Pots; Dippers; Strainers; Chamber Buckets.

LINENS: Woolen Coverlets; Quilts; Samplers; Hooked Rug; Baksets; N. Currier Print; Watercolor.

BOOKS: Grace Livingston Hill; Children's.

Sale For
ANNVILLE UNITED ZION CHURCH

No out of state checks unless accompanied by a current bank letter or prior arrangement with auction services.

HORST AUCTS. AU438L
T. Glenn
Timothy G.
Thomas A.
(717) 859-1331 - (717) 736-3080
Fax # (717) 738-2132
"VOICES OF EXPERIENCE

PUBLIC AUCTION
RESIDENTIAL DEVELOPMENT LAND - 129 ACRES & GENTLEMANS FARM WITH 16 ACRES & 1800's STONE HOUSE
FRIDAY, JANUARY 1, 1993
12:00 NOON

LOCATED: 3/4 Mile North Of Manchester, PA On Rt. 181, Turn Right Onto Meeting House Road, Go To Stop Sign, Turn Left Onto Board Road To 1st Road On Right - Chestnut Street, Land On Left. Watch For Signs.

PARCEL #1: 129 Acres zoned Residential with road frontage on 3 roads, 1138' on Chestnut Street with public sewage, approx. 3350' on Board Road w/public water, gas, and 1500' of sewage line, 900' road frontage on Wago Road. Land has very good potential for development, only 1/4 mile from Mt. Wolf Boro, 1/2 mile from Manchester Boro, East Manchester Township, and 1/2 mile from school.

PARCEL #2: Gentleman's farm with 1800's stone house and stone summer house, 3 car stone garage, 50x90 frame barn, & 40x60 implement building. Building set privately with 800' private macadam driveway, 348' road frontage on Chestnut Street, natural spring, house has country kitchen, living room, dining room, family room, screened-in porch and sun porch, 4 bedrooms and bath. Oil hot water heater. East Manchester Township, York Co., Pa.

AUCTIONEER'S NOTE: The land of 129 acres is one of the finest development properties we have had the opportunity to offer at Public Auction. The Gentleman's farm is also a great opportunity with private setting. Don't pass up this opportunity to purchase either property.

TERMS: 10% DOWN DAY OF AUCTION, BALANCE ON OR BEFORE FEBRUARY 15, 1993.

"OPEN HOUSE"
SUNDAY, DECEMBER 13 & 27 - 1:00 P.M. TO 3:00 P.M.
OR
SHOWN BY APPOINTMENT - PHONE 717-764-6412 - 8:00 A.M. TO 4:00 P.M.

AUCTIONEER & AGENT FOR SELLER:
Rentzel's Auction Service
Blaine & Nevin Rentzel
Emigsville, PA
717-764-6412
PA Lic. #761 & #2483

AUCTION
LINCOLN TOWN CARS & STRETCH LIMOUSINE - 24 PASSENGER CHEVROLET BUS

AUCTION LOCATION:
ALDERFER AUCTION CENTER, 501 FAIRGROUND ROAD, HATFIELD, PA

THURSDAY, DECEMBER 31, at 12:00 NOON
PREVIEW: Wednesday evening, December 30, 4:00-7:00 PM and December 31, 7:00 AM - 12:00 Noon

1989 Lincoln Town Car (Signature Series) - 97,748 miles, A/C, AM/FM Stereo Cassette, Power Windows, Power Door Locks, Power Seats, Cruise Control, 5.0 liter, EFI

1989 Lincoln Town Car (Signature Series) - 127,178 miles, A/C, AM/FM Stereo Cassette, Power Windows, Power Door Locks, Power Seats, Cruise Control, 5.0 liter, EFI

1989 Lincoln Town Car (Stretch Limousine) - 57,540 miles, A/C, AM/FM Stereo Cassette, Power Windows, Power Door Locks, Power Seats, Cruise Control, 5.0 liter, EFI

1979 Chevrolet Bus with Blue Bird Body - 5,546 original miles, 8 cyl, 354 cu. in., 4 bbl carb, Automatic Door, PA System, Seats 24 passengers.

Terms: Cash/Acceptable Check
• Vehicles will be sold promptly at 12:00 Noon
PHONE: (215) 368-5477 •
Terms: Cash / acceptable check
PA NO. AU-001117-L

ALDERFER AUCTION COMPANY
SANFORD ALDERFER AUCTION COMPANY
501 Fairground Road, Hatfield, PA 19440

PUBLIC AUCTION

TRACTORS - COMBINE TRUCKS - FARM EQUIPMENT

SATURDAY, JANUARY 9, 1993

10:00 A.M. (rain or shine)

Directions: From Easton, Md. follow Rt. 50 West to the Airport (62 mile marker), turn left onto Rt. 662 (Longwoods Rd.), go approx. 3 miles to farm on left. From the Bay Bridge follow Rt. 50 East to 58 mile marker, turn right onto Rt. 662 (Longwoods Rd.) and go approx. 4 miles to farm on the right. (Signs Posted).

Combine: J.D. 6600 diesel w/J.D. 216 grain head & J.D. 444 corn head.

Tractors: J.D. 4240 diesel w/cab, J.D. 4430 diesel w/cab & duals, J.D. 520 w/3 pth., J.D. A.

Equipment: White 5100S 4 row planter w/splitter bar-liquid fert.-monitor, J.D. 1010 Field Cultivator 14' w/buster bar, J.D. 111 Disk (38 blade), Brillion 9' Chisel Plow w/buster bar, J.D. 145 5x16 semi-mount plow, Int. 415 Roller Harrow w/crowsfoot wheels, Brillion 15' Crowsfoot Cultipacker w/transport, M.F. 33 Grain Drill (17 tine), J.D. 38 Sickle Mower 7', J.D. 4 row Cultivator w/rolling fenders, Land Pride 7' Blade 3 pth., J.D. 328 Sprayer, Rear mount Track Remover, 4 row Danish Tine Cultivator, M.F. 5' Rotary Mower, Fuel Cart w/275 gal. diesel & 100 gal. gas tanks, (2) J.D. Quick Hitches, 1 row Potato Plow, 1400 gal. & 1100 gal. Poly Tanks, Campbell Hausfied 5 h.p. Portable Air Compressor and other items.

Trucks: 1975 Chevrolet C-60 w/14½' dump body, 1967 Chevrolet C-50 w/13½' Garwood dump body.

Inspection of vehicles will be the responsibility of the purchaser.

Auction Terms: Cash or Approved Check w/current letter from bank guaranteeing funds, unless you are known by the auctioneer.

Owner:

MR. & MRS. PHILLIP HUTCHISON

Phone: (410) 822-1461

A. Curtis Andrew Auction, Inc.
Auctioneers:
Curtis Andrew - Mike Roe, CAI
(410) 479-0756 or 754-8826

PUBLIC AUCTION

FARM EQUIPMENT, TOOLS AND MISC. HOUSEHOLD ITEMS

FRIDAY JANUARY 8, 1993

10:00 A.M.

Located South Of Manheim Approx. 2 Miles At The Premises Known As 1333 Woodlot Road. Just South Of Fruitville Pike and Bucknoll Road.

The Following Items: Spring Wagon, Market Wagon, Breaking Cart, Tobacco Wagons - Single And Double Ladders - Iron Wheels, Flat Wagons, Fore Carts, 2 Radex Plows, Two 2 Horse Cultivators, Shovel Harrow, 2 Horse Wierd Plow, Roller, 2 Bin Wagons - Iron Wheels, Plow Packer, Cultipacker, Spring Harrow, Disc Harrow, New Idea 323 Single Row Picker With Wisconsin Motor, McDeering #9 Mower Wide Wheel 7" Cut, Side Rake, New Holland 268 Hayliner Baler, 32' John Deere Elevator With Motor, New Idea Tobacco Planter, Tobacco Shears, 2 Minnich Tobacco Presses, 10,000 Tobacco Lath, New Idea Crimper #752, Stock Tank, Farrowing Crates, Welder With Wisconsin Motor, Wheelbarrow, Pig Heaters, Nipple Waterers, 2 Manure Spreaders, 6 Sets Work Harness, Lines, Bridels, Grass Seeder, Block And Tackle, Numerous Single And Double Trees, Platform Scale, Milk Cans, Wire Spool, Bale Thrower, Coleman Lanterns, Stiehl Weed Chopper, Cow Trainer, Fencer, Chain Saw, Chicken Coop, Clipper, Numerous Tools, Grease Guns, Jacks, Forks, Rakes, Hoes, Ladders, 10 Ton Timothy Hay, 10' x 12' Portable Shed (About New), Also Numerous Items Of Value Not Listed.

Auction For

RACHEL B. KING

Food On the Premises

E.M. Murry Associates

10 S. Broad St.
Lititz, PA 17543
Elmer Murry 626-2636
Richard Murry 626-8175
Ken Miller
Professional Auctioneers,
Appraisers and Advisors
Since 1953
AU-00648-L

Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

TUE MAR 2 - 9AM, Farm Equipment, Horses, Cows, Heifers, Shop Equipment Located 4 Miles Northwest Of Wakefield At 1707 Cherry Hill Road, Lancaster Co., Pa Owners, Benj F & Rebecca Esh Abe Diffenbach, Auct

WED MAR 3 - 6 30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc Nascar Items, And Misc Toys Located At A & C Diffenbach Auction Inc., 100 W Jackson St., New Holland, Pa 17557 Alan Diffenbach Auct

THURS MAR 4, Farm Equipment, Tools, Antiques Located 370 Rothsville Rd, Ephrata, Pa For Marvin S And Miriam S Martin Paul E And Aaron E Martin, Aucts

FRI MAR 5, David S and Martha Z Zimmerman, RD 2, Williamsburg, Blair Co Farm Equipment, Tools And Household Goods Nevin Martin And Sons

FRI MAR 5 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc., New Holland, Pa

SAT MAR 6, Farm Equipment, Dairy Herd, Shop Tools, Household Goods Located From Blue Ball Route 322W Approximately 1 Mile Turn Right On White Oak Road Come To Y Bare To Left On White Oak Road Approximately 2 Miles To Farm On Right Owners, Harry And Lena Burkholder Roy Good, Randy Kline & Lloyd Kreider, Aucts

ANNUAL PUBLIC SALE

Located 7 miles South of Martinsburg, WV or 14 miles North of Winchester, VA off Interstate 81, Take Exit #5 (Inwood) Route 51 East approx. 3½ miles East of Inwood, WV turn right at Shutts Cash Grocery - .2 mile to sale.

FRIDAY JANUARY 1, 1993

AT 9:00 AM

We will offer for sale approx. 35 tractors (various sizes and brands), approx. 250 pieces of new and used farm equipment including balers, hay binds, rakes, rotary cutters, yard rakes, plows, new utility trailers, household articles and many other farm articles too numerous to mention.

Terms: Cash Or Good Check. Nothing To Be Removed Until Settled For. ID Required To Acquire A Bidding Number. All Announcements Sale Day Take Precedence Over All Advertising.

Open Daily Monday through Saturday 8 am until 5 pm
Consignments Welcome
No Consignments taken on Sunday
Bring a load - Buy a load - Trade a load
Edgar A. Bohrer, Sr. - Sale Manager
WV Lic. #18
Edgar A. Bohrer, Jr. - App. Auctioneer
WV Lic. #A-78
304-229-8354
Not Responsible For Accidents On Premises
Lunch Rights Reserved

PUBLIC AUCTION

Of Valuable Collection of Approx. 50 Hummels. Antiques - Collectibles - Primitives - Costume Jewelry - Coins - Etc. Etc.

ON WED. DEC. 30, 1992

AT 4 P.M.

At Springetts Fire Co. Social Hall, 3013 E. Market St., York, PA. Doors Open At 3 P.M.

Terms Cash Or Approved Check.
Auctioneers
Brian L. Gilbert #2256
***Jacob A. Gilbert* #336**

'93 PA. FARM SHOW LICENSED COLLECTOR MODELS

(Available Jan. 9 through 14th at the Farm Show)

***ERTL* BANKS,** gift boxed, made and decalled by the *Ertl Company.* 1248 total units made, 1905 Ford Delivery wagon.

PRICE $18. ea.

***WINROSS* TRUCKS,** made by *Winross Corp.* of Rochester, New York. Load is a laser cut wooden block load shaped like the main exhibition building. Block made of Pa. soft maple. Gift boxed. Cab will be different than shown with special Farm Show graphics.

PRICE $45. ea.

TRACTORS, 1/16th scale, cast aluminum and zinc alloy, 1350 total units, *SHEPPARD DIESEL* SD-3 tractors. Mfg. by *Nolt Ent.* through local shops. Serial numbered. Licensed by *R.H. Sheppard Company.*

PRICE $60. ea.

PRICES INCLUDE TAX. MODELS ARE "LIMITED EDITION".

Models will be available daily at the Farm Show, with larger quantities on sale on Saturday and Sunday. Open for sales daily at approx. 8:30 a.m., except Sunday will be approx. noon. Some of the sales booth locations have been moved. Signs will be posted at all sales areas.

Special Information Hotline is (717) 768-3066, Call For A Taped Message Anytime.

NO SALE DEC. 24 DEC. 31

JERSEY SHORE LIVESTOCK AUCTION

"Weekly Livestock Auction"

SATURDAY, DECEMBER 26, 1992
SATURDAY, JANUARY 2, 1993
1:30 P.M.

TERMS: CASH — RESTAURANT OPEN
Rt. 44, 2 Miles South, Jersey Shore, Pa.
814-349-8760 or 717-398-0111

TOY SHOW & AUCTION

LANCASTER, PA. OLD HICKORY RESORT INN

2 miles North of Lancaster off route 272
Motel phone: (717) 569-0477

SHOW: JAN 2, SAT.

9:00 to 2:30 pm Dealer set up 7:15 am
75 tables of **Farm toys,** Collector trucks, banks, etc.
Manager, Dave Nolt (717) 768-3066
Free Admission for under 12 years or over 55.
See actual proto-types of the **'93 PA. FARM SHOW MODELS**

AUCTION: JAN 1ST, FRIDAY EVENING,

6:30 pm, same location
Auctioneers: All American Auction RY-11L (717) 426-3769
Many good local and road trucks by Winross,
Many farm related collector trucks, banks, Hess trucks and others. No farm tractors expected.

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication

SAT MAR. 6 - 8 30AM, Farm Equipment, Horses, Mules Hay, Straw, Corn, Carpenter Small Tools, Household Good, New & Used Furniture, Quilts, Truck Load Of Fruit Located 6 Miles SE Of Strasburg On Route 896, Village Of Georgetown, Lancaster County, Pa Local And Well Known Auctioneers.

TUES MAR 9 - 9AM, Farm Machinery Located 796 Long Lane, Lancaster, Pa Terms By, C Lloyd & Florance K Harnish Kreider, Kline & Good Aucts

THURS, MAR 11 - 11AM Penna Heifer Relief Sale at Mel Kolb's Sale Barn, off Rt 283 at Flory Mill Rd Exit Wilmer Kraybill, Manager 215-286-9576

APRIL

THURS APR. 1 - 10AM, Lamb Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

FRI. APR. 2 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc, New Holland, Pa.

SAT APR 3, Consignment Sale, Lawn & Garden Equipment & Farm Equipment Located 222 North Of Lancaster To Brownstown/Rothsville Exit Turn Right On To 772 West, To Traffic Lights Turn Right On 272 North Go Approx 2/10 Mile Turn Right Onto N Church St, Turn Left On To Metzler Rd Take First Rd Left At Brownstown Vocational School, Turn Left Onto Pool Road To Auction On Right Terms By, Elam Shirk Kline, Kreider & Good, Aucts.

SAT. APR 3, Tools, Household Goods & Antiques Located 1369 W. Main St, Ephrata, Pa For Arlene H Minnich Estate. Paul E And Aaron E. Martin Aucts

MON APR 5 - 6:30PM, Wholesale Furniture. Located At A&C Diffenbach Auction Inc., 100 West Jackson St, New Holland, Pa. 17557. Alan Diffenbach Auct.

WED. APR 7 - 6 30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc. Nascar Items, And Misc Toys. Located At A & C Diffenbach Auction Inc, 100 W Jackson St, New Holland, Pa 17557 Alan Diffenbach, Auct

THURS. APR. 8 - 10AM, Lamb Sale Located At New Holland Sales Stables, Inc, New Holland, Pa.

SHORT NOTICE UNION COUNTY DAIRY HERD DISPERSAL

THURSDAY, DECEMBER 31, 1992
12 NOON

Due to the ill health of Mr. Stover, will offer Dairy Herd at Public Auction located at the village of Swengel, 5 miles west of Mifflinburg, Pa. off Rt. 45. Signs Day of Auction.

26 Registered & HI-Grade Holsteins 26
2 HI-Grade Jerseys 2

A certified accredited dairy, AI bred and sired, averaging right at 60 lbs in the tank. 12 sell recently fresh, several due after January 1st.

Health Charts * Pregnancy Examined
Sale Held Inside

Auctioneer's Note: This is a fancy, top herd of cows. If needing replacements or milk in your tank-mark this date on your calendar!

Bryan D. Imes, Auctioneer
Phone 717-527-2449
AU-001656-L

MR. & MRS. T.H. "TED" STOVER, owners
Not Responsible For Accidents

PUBLIC AUCTION

Horse Drawn Farm Machinery - Draft Horses
Milking Equipment - Hay

Tuesday, January 5, 1993
9:30 A.M.

Sale held at the farm on Hess Road, Lancaster County, PA 4 mile west of New Holland just off Rt. 23. Go south at Turkey Hill Minit Market.

Horses - Harness - Hitches

Pair of 8-10 year old Blond sorrel; 8 year old Red sorrel gelding; 12 year old sorrel mare; 4 set of heavy harness; bridles; collars; 2-3-4 horse hitches.

Barn - Milking Equipment - Dumping Station

3 - 50 lb. Westfalia milker units with Delaval shut off claws; 60 lb. pail; milk mover dumping station with dryer and washer; feed carts; grit spreader; Delaval vacuum pump; Lehigh cooling compressor; 10 HP air compressor; Deutz 2 cyl. diesel.

Manure Handling Equipment

Stoltzfus built liquid manure spreader; Stoltzfus built liquid manure pump, portable.

Planting & Tillage Equipment

White Horse hyd. 2 way plow; John Deere K.B.A. disc harrow; Dunbar cultipacker mulcher; 8 ft. clod buster; New Holland 455 mower on chassic; New Holland 401 crimper; New Holland 55 rake; **International 8520 baler with 2 cyl. Kohler engine new 1989** in excellent condition; 2 flat bed wagons; bale and corn elevator with hyd. motor and hose sells separate; 4 row International corn planter with plateless hoppers set up with tongue, nice unit; John Deere corn binder with loader, New Idea 323 corn picker; hi moisture chopper blower; P.T.O. single chain elevator; M.C. chopper mower with 4 cyl. Petter diesel, sells separate; New Idea transplanter; ground drive fertilizer spreader; 2 forecarts; 2 Wisconsin engines, 4 cyl. with clutch reduction and hyd. system; 2 cyl. with clutch reduction; crop weeder; large propeller fan with engine; 4 tobacco presses; 11,000 tobacco lath; **653 Detroit power unit tractor;** wagon load small items; dairy supplies.

Approximately 30 ton mixed hay

Owner:
Amos K. & Elizabeth Glick

Auctioneer:
Steve
Steve Jr. Petersheim:
215-593-AUCT
AU 001349L

Food on Premises

Belleville Livestock Market

Wed., December 30, 1992
1:30 P.M.
Complete Milking Herd Dispersal
39 Head Of Registered And Hy-Grade Holsteins

10 Recently Fresh, 8 Dry Or Springing, The Remainder In All Stages, Health Charts, A.I. Bred, Pregnancy Checked.

Note: Cows In Good Milk Flow But Not Pushed Hard.

Consigned By:
MR. SAM RISHEL
Alexandria, Pa.
For More Information Call:
Gene Glick 717-667-2703

VANLURE MILKING HERD DISPERSAL

FRIDAY, JANUARY 8, 1993
11:00 A.M.

Selling at Kling's Sale Barn, located 15 miles North of Carlisle, on Route 74, 2 miles Northeast of Landisburg, PA. Selling for Frank and Susan Riciglano, Cortland, N.Y.

50 Fancy Registered Cows and First Calf Heifers
DHIA Records - Calfhood Vaccinated

This is an extremely young Dairy of Tie Stall Cattle - with Fancy Udders - Over half milking with First Calf - Balance 2nd and 3rd Timers. Many recently Fresh - Some Close Springers and others bred back.

A few to watch for are: 4 Yr. old **Coldsprings Levi** - never scored - Made 19991 last Lactation - 3.8 Test - 3.4 Protien - Due January 25, 1993 to **Mascot.**

Also a 4 Yr. old **Kay Elevator** with right at 19000 Last Lactation - Fresh and had 87 lbs. on First Test. (Long - tall and Dairy).

2 Yr. Old **Algonquin** - Recently Fresh - Dam VG SWD with 29000 - 1100 Fat. 2nd Dam 88 Pt. **Apostle** with 31000 - 1095 Fat. 3rd Dam VG with 173000 Lifetime - (Nuff Said)

2 Yr. old **Beautician** - Fresh - Milking over 60 lbs. Dam VG **Ken Royal** with 24000 - 3.8 - 923. Next Dam over 150000 Lifetime.

Other Sell Sired By: Camaro - Vanguard - Mars Tony - Glenn View Joe - Symbol - Matt Lancer - Bear Path Glade - Paclamar Benefit - Russeldale Promise - Dubras Promotion - Spruce Edge Majesty - Jewelmaker - and several Good Bulls with the Gladtime Prefix.

Service Sires Include: Thor - Mascot - Sexation - Hanover Hill Lincoln and Hanover Hill Precisionist - Ryan - Gold Duster - Melvin - Mark Anthony and a good Leadman Son from Gladtime Farm.

The Riciglianos have done a great job with this young Herd and with the help of Gladtime Farms have put together a group of good, young cows, from great pedigrees and top breeding, that will go on and work for you.

Don't Miss This Auction

Also selling 40 Head of Registered and Grade Cows, and First Calf Heifers for **Art Kling** - Usual Top Quality - All recently Fresh or Close.

12 Good Young Grade Cows and First Calf Heifers from **Phares Stoltzfus**, Blain, PA. Several recently Fresh - Others in different stages. (Nice Cattle).

And a Trailer load of those Good Grade, Springing and Fresh Heifers from **Walter Brown**, Connellsville, PA.

Sale Managed By:
Kling's Auctions, Inc.
R.D. 1, Box 66, Landisburg, PA
Pa. License #500
Ph. 717-789-3883
Fax 717-789-4226

AUCTION KLING'S SERVICE

Green Dragon Livestock Sales

Located 1 Mi. N. On North State St., Ephrata
Sale Every Friday
11:00 A.M. Beef
7:00 P.M. Small Animal Sale.

200-300 Stocker & Feeders Every Friday. Regular Shippers Of Northern Cattle.

WALTER H. RISSER,
Prop.
Home 717-838-4318
Office 717-733-2444

MT. ROCK FARM COW SALE

Tuesday, January 5, 1993
- 11:00 A.M.

Located South Of Carlisle, Pa., Off I-81 At Plainfield Exit To Rt. 11, South 2 Miles To Cumberland Golf Course, Turn Right, Go 1 Mile To Clay Rd., Left To Stop Sign, Left To 2nd Farm On Left.

"First Sale of the New Year" Featuring a Select Group of Good Registered and Grade Holsteins - Mostly all 2 & 3 yr. olds that are either just fresh or Close Springing!

A Sampling of Some of the Purebreds selling include...

(2) Chief Mark Granddaughters; 1 Fresh - 1 Due January 15 to Cleitus.

A 2 yr. old Starbuck Fresh December.

A 2 yr. old Hanoverhill Royalist - Just fresh in December.

A 2 yr. old Hanoverhill Spartan - Fresh in December.

A 3 yr. old Mowery K Valiant Correct - Fresh December 3rd.

A 4 yr. Tikvah Gambler ET - fresh Dec. 19 - **Heifer Calf by Blackstar Son.**

A 2 yr. old Hanoverhill Jethro - Fresh 12-18 - **Heifer Calf by Domar Nightstar.**

A VG Butlerview Mattador fresh December 1.

A 2 yr. old Kingstead Valiant Tab - Due Sale Time.

A 3 yr. old Brigeen Jubilee - due 12-15 to Shormar Lindy Mercer.

A 2 yr. old Hanoverhill Royalist due 12-17 to Shormar Lindy Mercer.

A 2 yr. old Hanoverhill Spartan ET due 12-23 to Whiteriver Rookie.

A 2 yr. old Upperman Tong - Will be fresh Christmas Day.

A 2 yr. old Knoxland Valiant Friday - due 12-17; Dam a Levi dtr. w/2 yr. 17,000 3.4 p.; Gr. Dam - 88 pt. Very w/6 yr. 30,880 m. 3.1 p.

A 2 yr. old To-Mar Quest ID Grade - due 1-8 to Inglis Chairman Dart.

A 2 yr. old Fivebrooks Spirit Gabriel due 1-12 to Dart.

A 2 yr. old Mel-Est Valiant Irose Melvin - due 1-15 to Deerfield Kid Kate.

A 2 yr. old Bironniere Valiant Ted - due 1-18 to Whiteriver Rookie.

A 3 yr. old Marlu Ovetime - due Jan. 19 to Woodbine Thunderbird.

A Good Plus 4 yr. old Mark Anthony due 1-23 to Meadowlake Jubilant.

A 2 yr. old Hanoverhill Jethro due 2-19 to Whiteriver Rookie.

A GP Wauregan Regency due 2-25 to Whiteriver Rookie.

Also Selling...

25 Open Vaccinated Yearlings - Shot for Shipping Fever (No Horns); All Heifer Calves - Approx. 15 Head (Some Purebreds).

Some Registered Heifers Include...

A Bergitte Black Velvet - Born 3-17-92 - Dam a Tora Matt Lancer.

A Fisher-Place Mandingo - Born 3-9-92.

A Pack-Herd Chairman Berth - Born 3-14-92; Dam a Very dtr.

Come Join Us For Our First Sale of 1993!

OWNERS,
BILL & CYNTHIA McKEEHAN
(717) 243-7651
TIM FULLER, Herdsman
(717) 249-3174

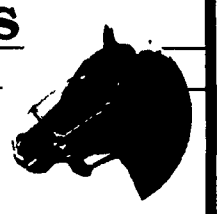
Rick Foreman, Auctioneer
Lic. #AU-1163L
Henry Kettering, Pedigrees

Dairy and Livestock Sales

300-350 HEAD
SPECIAL HORSE SALE
WORK HORSES - MULES
DRIVING HORSES

FRIDAY, JAN. 8, 1993

AT NEW HOLLAND
SALES STABLES, INC.
12 Miles East of Lancaster, Pa.
just off Rt. 23, New Holland, Pa.



Note: Tack Sale 9:00 A.M.
Wagons, Sleighs, Harness, Etc. Horse Sale 10:00 A.M.

- 30 Head Work Horses; 10 pair Sorrels, 3 to 6 year olds; Several pairs gray horses; Several single horses; 10 head mules, all sorrels, consigned by Ward Wright.
- 1 load work horses from Illinois consigned by Bud Leonard.
- 1 load work horses from Virginia consigned by Billy Meadows.
- 20 Head Top Work Horses consigned by Shy Tipton.
- 20 head work horses and 6 head mules from Tennessee consigned by Bill Pope.
- 8 head Sorrel Mules, 6 head are 3 yr. olds, 16 to 17 hands, real good broke. 1 pair spotted horses, 3 & 5 yrs. old, good broke, consigned by Nathan Stoltzfus.
- 1 load Saddlebred Driving Horses consigned by Christ Z. Stoltzfus.
- 1 pr. mare mule colts, sorrel w/white markings, 6 mos. old.

- 5 loads Standardbred Driving horses consigned by: Jonas Beiler, Elam B. Stoltzfus, Clayton Waterberry, Jerome Wanner, Reuben G. Stoltzfus.

Plus Many More Consignments By Sale Time. For more information call:

Norman or David Kolb- 61L
717-354-4341- Barn • Home- 717-397-5538 FAX# 717-355-0706

Next Horse Sale - Jan. 22, 1993 - 10 A.M.

PUBLIC SALE
OF
HOUSEHOLD GOODS, ANTIQUE, AND CARPENTER TOOLS

SATURDAY, JANUARY 2, 1993
At 8:30 A.M.

Located along Goods Road, 2 miles West of Hinkletown, West Earl Twp., Lancaster County, Pa. Rt. 322 in Hinkletown. Turn west on Farmersville Road, right on Goods Road. Watch for sale sign along 322, day of sale.

Household Goods

Oak extension table with 6 boards, small table with 2 drawers, antique baby cradle, old jelly cupboard, oak bed, single and double beds, 2 chest of drawers, washstand, large wood chest, flour chest, black Caloric gas stove, 2 desks, 5 rocking chairs, 2 child's rockers, 6 kitchen chairs, 2 sets of 6 chairs, and other chairs, 2 treadle sewing machines, fainting couch, porch bench and rockers, 2 heatrola stoves, 2 high chairs, 8 day clock, old alarm clocks, old Columbian kitchen range, old Maytag wash machine, large wardrobe, cabinets, quilting frames, few quilts, and other bedding, play pen, buggy robe, horse blankets, No. - 10 potbelly stove, drying rack, old 1 qt. butter churns, family history books Zimmerman, Nolts, Stauffer, Wenger, old German books, lots of others, lots of old wooden boxes large and small, old spools

20 Dollar Gold Piece

5 dollar gold piece, Indian head pennies, and other, silver halves and quarters, 1 silver dollar, and other coins, copper wash boiler, copper can with drop handles, old tin lunch boxes, other tin boxes, apple peeler, 2 wash boards, 1 and 5 gallon jugs, small and large crocks, meat hooks and others, iron kettle and tripod, dated jars, 1 and 2 quart jars, jelly jars, jars with glass tops, and other jars, old scale, pitcher pump, lots of silverware, rag carpets, rugs, rag dolls, lots of antique dishes, green and pink dishes, blue bowl, and cup, nice platters, candy dishes, 2 canners, lots of agateware, agate coffee pot, 2 qt agate milk kettle, other milk kettles, 2 large milk cans with drop handles, oil lamps, lanterns, gas light, lard press, old egg scales, frying pans, cast waffle iron, irons and handle, 4 canes, mirror, brooms, old post cards, binoculars.

Carpenter Tools

Old bore machine, lots of hand bores, 3 in chisel, and others, draw knife, transient and tripod, hand saws, 2 man saw, blacksmith box and tools, hand grinder, bolt cutter, levels, brace and bits sets, pipe threaders, pipe vise, crowbars, measuring tapes, some old measure, lots of masonry tools, large wooden plane, and others, ropes, wrenches, buggy wrenches, extension ladder, stepladder, grease gun, oil cans, saw horses, sprinkling cans, platform scales, nail kegs, small engine, wedges, 2 wooden wheelbarrows, lots of hardware, boxes of nails, bolts, screws, hinges, lumber, 2 old express wagons, boxes of small tools, pruning shears, screw drivers

2 Carriages

2 seated, and 1 seated carriage, top buggy, spring wagon

Auctioneer Note

Many more items not listed. Shop tools at 8:30, household goods at 10 30, carriages and coins at 12:00, furniture at 1:30.

Terms by

KATIE S. ZIMMERMAN ESTATE

Auctioneers No. AU-001122-L
Paul W. Horst 215-445-5119
LeRoy S. Horst

Refreshments will be served.
Not responsible for accidents if any should occur.

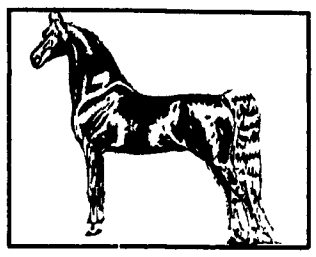
Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

12 HEAD REGISTERED LLAMAS WILL BE SOLD MONDAY, DECEMBER 28
12;00 Noon At
New Holland Sales Stables
Horse Sale
6 Females 6 Males
Consigned By Hammer Creek Exotics

SELECTED CONSIGNMENT

HORSE SALE



DRAFT, DRIVING AND MULES

TUES. JAN. 12, 1993 - 10:30 SHARP

HORSES HITCHED AT 9:00 A.M. SHARP
SALE HELD AT 834 WALLACE RD., NEW HOLLAND, PA.
DIRECTIONS: FROM RT. 23 IN NEW HOLLAND, GO SOUTH ON BRIMMER AVE., GO 2 MILES SOUTH ON NEW HOLLAND ROAD TO HILL RD. TURN LEFT ON HILL RD. PROCEED 1.2 MILES TO SALE ON THE LEFT. FROM RT. 340 EAST OF INTERCOURSE TAKE NEW HOLLAND RD., 2.5 MILES TO HILL RD., RIGHT ON HILL RD. TO SALE ON LEFT.

FULL LISTING WILL FOLLOW.

MEL'S STABLE
OWNER - MEL HOOVER
PHONE - HOME- 717-354-8397
BARN- 717-354-6431
AUCT. ABE DIFFENBACH 225L
NOT RESPONSIBLE FOR ACCIDENTS

FOOD ON PREMISES

SALE EVERY TUESDAY

Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

FRI. MAR. 12 - 9AM, Farm Equipment & Supplies Located At A&C Diffenbach Auction Inc , 100 West Jackson St , New Holland, Pa 17557 Alan Diffenbach Auct

SAT. MAR 13, Farm Equipment for Robert & Miriam Kauffman located at 439 Bossler Road, Elizabethtown, Lancaster Co Long & Long Aucts

SAT MAR 13, Charles Benner and Ken Boyer will offer at public sale full line of modern farm equipment Located East of Mt Pleasant Mills Pa Along Rt 35 (Snyder Co) Ken E Smith, auct

SAT MAR 13 - 9 30AM, Farm Equipment, Household Goods, Antiques Located Along E Farmersville Rd , East End Of Farmersville, West Earl Township Terms By, Paul H Weaver Paul W Horst, Auct

FRI MAR 19 - 10AM, Horse Sale Located At New Holland Sales Stables, Inc , New Holland, Pa

SAT MAR 20, 38 M/L Acre Farm, Machinery House Goods, Coins Located From Lancaster, Pa Take Rt 272 So App 10 Mi Turn West On Truce Rd , Cross Over Rawlinsville Rd Onto Martic Heights Rd Turn Left On Creamery Rd 1st Farm Left Terms By, Charles Walter Jr Estate Kreider, Kline & Good, Aucts

SAT MAR 20 - 8 30AM, Building Material Sale All Day. Located 6 Miles SE Of Strasburg On Route 896, Village Of Georgetown, Lancaster County, Pa Local And Well Known Auctioneers

SAT MAR 20 - Farm equipment and tools, along Route 322 midway between Hinkletown and Ephrata Henry H Garman Nevin Martin and sons

SAT MAR 20 - 9 30AM, Public Auction Of Milk Bottles Located At The Brickerville Fire Hall, Just Off Rt 322 At Brickerville, Pa Paul Snyder, Agent For Owner Paul & Michael Snyder, Aucts

SAT MAR 20 - 10AM Bingham Center (Potter Co) Penna Between Ulysses and Genesee Mr and Mrs Harold Kiebach Complete Dispersal Pirrung Aucts , Inc

SAT MAR 20 -11AM Genesee, Pa Harold Kiebach Complete Farm Dispersal, Cattle and Machinery Auction Pirrung Auctioneers, Inc 716-728-2520

SAT MAR 22 - 9 30AM Marion New York, Peter Bliek and Son, Inc Complete Farm Dispersal, Potato and Onion Equipment Auction Pirrung Aucts , Inc 716-728-2520

TUES MAR 23 - 9AM, Quilt, Craft & Buggies Located At A&C Diffenbach Auction Inc , 100 West Jackson St , New Holland, Pa 17557 Alan Diffenbach Auct

WED MAR 24 - 9AM Quilt & Craft Located At A&C Diffenbach Auction Inc , 100 West Jackson St , New Holland, Pa 17557 Alan Diffenbach Auct

THURS MAR 25, Dairy Cattle Located 80 Durlach Hill Rd , Stevens, Pa For Ray P And Geraldine Bollinger Paul S And Aaron E Martin, Aucts

SAT MAR 27 - 9AM, Real Estate, Antiques, House Goods Located 1806 Lampeter Rd., Lampeter, Pa Terms By, Mark & June Myer Kreider, Kline & Good, Aucts.

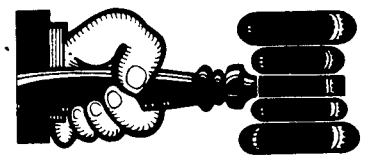
Christmas Thoughts

Let us keep Christmas, its meaning never ends ...the time of year to wish happiness and good will to friends and loved ones, near and far...the time to share the joys of the past and the hopes of the future, and to remember all we have to be thankful for. If we can do this for a day, why not forever? Let us keep the true spirit of Christmas. Today, tomorrow and always.

Merry Christmas
From
Smoketown Quality Dairy Sales,
Gordon & Helen Fritz

Public Auction Register

Closing Date Monday 5:00 P.M.
of each week's publication



AUCTIONEER'S DIRECTORY

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

R. CARL PICKEL

Auctioneer & Appraiser
AU-003040-L
APT. 231
831 CLEARVIEW AVE.
EPHRATA, PA. 17522
717-733-6286

John D. Stauffer
S Auctioneers

Wishing You A Blessed Christmas And Happy New Year!

1484 Mountain Road, Manheim, PA 17545

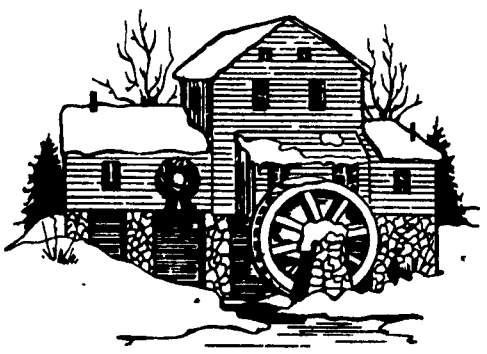
Phone 717-665-5099

We want to thank you the public for making 1992 another successful year and a special thank you to our clients.
Wishing the folks around the globe a happy holiday and successful year.
Steve & Anna Petersheim & Family

III John Verse 2
Beloved I wish above all things that thou mayest prosper and be in good health even as thy soul prospereth.

HOLIDAY GREETING!

Thanks for making
1992 a good year!
PAUL E. MARTIN — 733-3511
AARON E. MARTIN — 738-4168
Auctioneers



SAT APR 10 - 9AM, Peiffer Hill Consignment Sale Of Lawn & Garden Equipment & Tractors Located Church St, Thru Reamstown To Red Run Rd Turn Left To Steffy Rd Turn Left To Auction On Left Kline, Kreider & Good Aucts

FRI APR 16 - 9AM, Farm Equipment & Supplies Located At A&C Diffenbach Auction Inc, 100 West Jackson St, New Holland, Pa 17557 Alan Diffenbach Auct

FRI. APR 16 - 7PM, Feeder Cattle Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

KREIDER & KLINE AUCTIONEERS

COMPLETE PROFESSIONAL AUCTION SERVICE
REAL ESTATE — FARMS & RESIDENTIAL
PERSONAL PROPERTY — ANTIQUES —
FARM STOCK SALES — LIQUIDATIONS

RANDAL V. KLINE
AUCTIONEER-REALTOR
717-733-1006

LLOYD H. KREIDER
AUCTIONEER
717-786-3394

ROY E. GOOD, JR.
AUCTIONEER
215-445-4309

Wishing all a Blessed Christmas and a Prosperous New Year

Horning
Farm Agency, Inc.
Alvin Horning *Bus. (215) 286-5183*
Merle Eberly *Res. (215) 775-3745*

ROGERS COMMUNITY AUCTION INC.

Located 8 Miles East Of Lisbon, Ohio Or One Mile West Of Rogers, Ohio On St. Rt. 154.

FRIDAYS

Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 6:30 P.M.
Doors Open At 7:30 A.M.
To Accept Consignments
Open Air Market All Day And Evening
Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaries And 30,000 Sq. Ft. Under Roof.

ATTENTION
NEW CONSIGNMENT
FARM MACHINERY DAYS
1ST WEDNESDAY

WEDNESDAYS
Farm Machinery Consignment Auction

The 1ST WEDNESDAY EVENING OF EACH REMAINING MONTH at 4 P.M. sharp.

We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simultaneously.

Hay And Straw Grain
EVERY WEDNESDAY
selling truck
load lots by the bale or ton
starting at 1 P.M.

Barn Opens at 8 A.M. to Consign
Jim and Ken Baer
Auctioneers and Managers
Phone (216) 227-3233 or (216) 227-3236
"Sales Every Week Since 1955"

FRI APR 23 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa

TUES. APR 27 - 10AM, Antique Tractors Located At A&C Diffenbach Auction Inc, 100 West Jackson St, New Holland, Pa 17557 Alan Diffenbach Auct

MAY

SAT. MAY 1 - 10AM, Grade Heifer Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

WED. MAY 5 - 6 30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc. Nascar Items, And Misc. Toys Located At A & C Diffenbach Auction Inc, 100 W Jackson St, New Holland, Pa 17557 Alan Diffenbach, Auct.

FRI MAY 7 - 7PM, Horse Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

FRI MAY 14 - 7PM, Feeder Cattle Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

SAT MAY 29 - 10AM, PB Hfr. Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

JUNE

WED. JUN 2 - 6.30PM, Consignment Auction Of Winross, Ertl, Hess Trucks, Misc. Nascar Items, And Misc. Toys Located At A & C Diffenbach Auction Inc., 100 W. Jackson St., New Holland, Pa. 17557. Alan Diffenbach Auct.

FRI. JUN 4 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc, New Holland, Pa.

JULY

FRI. JUL 2 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa

AUGUST

FRI. AUG. 6 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa

SEPTEMBER

FRI SEPT 3 - 7PM, Horse Sale. Located At New Holland Sales Stables, Inc., New Holland, Pa

SAT. SEPT. 25 - 10AM, Fall Hfr Sale. Located At New Holland Sales Stables, Inc, New Holland, Pa

OCTOBER

FRI OCT 1 - 7PM, Feeder Cattle Sale Located At New Holland Sales Stables, Inc, New Holland, Pa.

FRI OCT 8 - 7PM, Horse Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

WED OCT 27 - 11AM-Sale. 9AM- Judging. Dairy Show Located At New Holland Sales Stables, Inc, New Holland, Pa

NOVEMBER

FRI NOV. 5 - 7PM, Horse Sale Located At New Holland Sales Stables, Inc, New Holland, Pa.

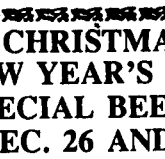
FRI. NOV 26 - 7PM, Feeder Cattle Sale Located At New Holland Sales Stables, Inc, New Holland, Pa

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

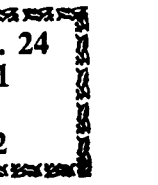
MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

TOP PRICES FOR ALL TYPES OF CATTLE - Also Down & Crippled Cattle

MULVANEY LIVESTOCK SERVICES



Tom Mulvaney, Jr.
Easton, PA
(215) 258-1670



In NJ-Warren, Sussex And Hunterdon Counties

NOW IN NEW YORK - ORANGE COUNTY

In PA-Northampton, Bucks, Lehigh, Berks And Schuylkill Counties

★ All Cattle Paid On Hanging Dressed Weight

Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.

New Holland, Pa.
Located 12 Miles East of Lancaster, just off Rt. 23

WEDNESDAY, DEC. 30, 1992

11:00 A.M. HEIFERS
12:00 NOON MILK COWS

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USUAL RUN OF LOCAL HEIFERS.
FRESH COWS AND SPRINGERS.

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80 HEAD HERD DISPERSAL
WED. JANUARY 6 MILKING COWS AND BRED HEIFERS
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OR NEW YEAR'S EVE. DEC. 31
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Thursday, January 7, 1993, 11:00 A.M.

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24.5x32, 12 Ply Blems $770

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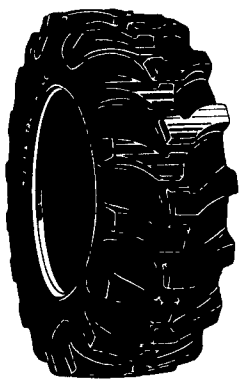


BACKHOE

★ TUBELESS ★

14 9x24, 8 Ply, Tubetype	$260.00
16 9x24, 8 Ply	$305.00
16 9x24, 10 Ply	$330.00
16 9x28 8 Ply	$340.00
17 5x24, 8 Ply	$300.00
17 5Lx24, 10 Ply	$335.00
18 4x24, 8 Ply	$410.00
18 4x24, 12 Ply	$530.00
19 5Lx24, 10 Ply	$470.00
19 5Lx24, 12 Ply	$540.00
21Lx24, 12 Ply	$650.00
21L-24, 10 Ply	$610.00

LOADER DOZER

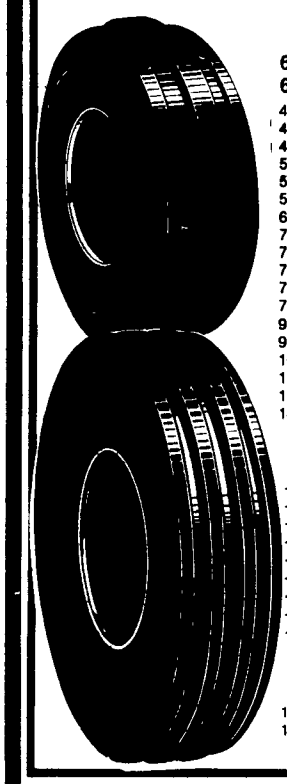
15.5x25, 12 Ply	$365.00
17.5Lx25, 12 Ply	$499.00
20 5x25, 12 Ply	$850.00
23 5x25, 12 Ply	$1,180.00
23 5x25, 16 Ply	$1,250.00

ARMSTRONG

GRADER

1300x24, 10 Ply	$295.00
1300x24, 12 Ply	$325 00
1400x24, 10 Ply	$340.00
1400x24, 12 Ply	$375.00
1300x24, 10 Ply Tubeless	$350 00
1400x24 12 Ply Tubeless	$440.00

FRONT TRACTOR - Shipped UPS No Charge



★ 3-RIB ★

600-16, 6 ply	$47.00
650-16, 6 ply	$51.00
400-12	$26.00
400-15	$28.00
400-19, 4 Ply	$36.00
500-15	$36.00
550-16, 4 Ply	$40.00
550-16, 6 Ply	$43.00
600-14, 6 Ply	$77.00
750L-15, 6 Ply	$57.00
750-16, 6 Ply	$63.00
750-16, 8 Ply	$68.00
750-18, 6 Ply	$76.00
750-20, 6 Ply	$88.00
9 5L-15, 6 Ply	$69.00
9 5L-15, 8 Ply	$76.00
10 00-16, 6 Ply	$89 00
11Lx15, 8 Ply	$87.00
1100-16, 8 Ply	$108.00
14L-16 1, 8 Ply	$215.00

★ 4-RIB ★

11L-15, 8 Ply	$91.00
10 00-16, 6 Ply	$90.00
10 00-16 (TL), 8 Ply	$132.00
11 00-16, 6 Ply	$98.00
11 00-16, 8 Ply	$105.00
11 00 16 (TL), 8 Ply	$140.00
14L-16 1 (TL), 6 Ply	$226.00
14L 16 1, 8 Ply	$213.00
16 5L-16 1 (TL), 8 Ply	$330.00

★ 5-RIB ★

1100x16 12 Ply, Tubetype	$145.00
1100x16 12 Ply, Tubeless	$150.00

Super Hi Traction Lug Radials

18.4R38 ★
NOW ONLY 535.00

20.8R38★
NOW ONLY $710.00

18 4R34 ★	$500.00
16R38 ★ ★	$500.00
20 8R34 ★	$785.00
20 8R38 ★ ★	$897.00
24 5R32, ★	$880.00
18 4R42, ★★	$890.00
20 8R42, ★★	$900.00

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RADIAL FRONT WHEEL ASSIST

16.9R26★★	$425
18.4R26★★	$570
14.9R28★★★	$445
16.9R28★★	$450
14.9R30★★★	$485
16.9R30★★	$525

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15.5x38, 6 Ply
$300.00

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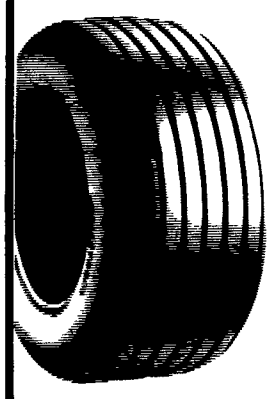
11 2x24, 4 Ply	$132.00
11 2x24, 6 Ply	$155.00
11 2x24, 8 Ply	$170.00
14 9x24, 4 Ply	$200.00
14 9x24, 6 Ply	$226.00
14 9x24, 8 Ply	$270.00
16 9x24, 6 Ply	$260.00
16 9x24, 8 Ply	$292.00
14 9x26, 6 Ply	$233.00
18 4x26, 6 Ply	$329.00
18 4x26, 10 Ply	$400.00
23 1x26, 8 Ply	$675.00
11 2x28, 4 Ply	$160.00
12.4x28, 4 Ply	$180.00
13.6x28, 4 Ply	$192.00
13 6x28, 6 Ply	$220.00
14 9x28, 4 Ply	$210.00
14 9x28, 6 Ply	$225.00
14 9x28, 10 Ply	$370.00
16 9x28, 6 Ply	$270.00
16 9x28, 8 Ply	$310.00
16.9x28, 10 Ply	$352.00
16.9x30, 6 Ply	$300.00
18 4x28, 6 Ply	$390.00
18 4x30, 6 Ply	$355.00
23.1x30, 8 Ply	$780.00
24.5x32, 10 Ply	$920.00
16.9x34, 6 Ply	$340.00
18 4x34, 6 Ply	$360.00
18.4x34, 8 Ply	$425.00
20 8x34, 6 Ply	$620.00
20 8x34, 8 Ply	$680.00
23.1x26, 10 Ply	$705.00
23.1x34, 8 Ply	$870.00
11.2x38, 4 Ply	$191.00
12.4x38, 4 Ply	$230.00
13.6x38, 4 Ply	$230.00
13 6x38, 6 Ply	$263.00
14 9x38, 6 Ply	$300.00
15 5x38, 8 Ply	$340.00
16 9x38, 6 Ply	$370.00
16 9x38, 8 Ply	$400.00
18 4x38, 6 Ply	$430.00
18 4x38, 8 Ply	$460.00
20 8x38, 8 Ply	$660.00
20 8x38, 10 Ply	$780.00

WAGON TIRES



26 1200x12, 4 Ply	$55.00
8 51x14, 6 Ply	$51.00
9 5Lx14, 6 Ply	$53.00
9 5Lx14, 8 Ply	$55.00
9 5Lx15, 6 Ply	$48.00
9.5Lx15, 8 Ply	$48.00
11Lx14, 6 Ply, Tubeless	$58.00
11Lx15, 8 Ply	$52.00
11Lx15, 10 Ply	$60.00
1000x15, 8 Ply	$73.00
11Lx15, 8 Ply Tubeless	$58.00
11Lx16, 8 Ply	$65.00
11Lx16, 10 Ply Tubeless	$88.00
12.5Lx15, 10 Ply	$72.00
12 5Lx16, 14 Ply	$98.00
12.5Lx15, 12 Ply	$110.00
14Lx16 1, 12 Ply	$172.00
16 5Lx16 1, 10 Ply Tubeless	$192.00
25x7 50x15, 4 Ply Tubeless	$51.00
25x7 50x15, 6 Ply Tubeless	$58.00
27x9 50x15, 4 Ply Tubeless	$63.00
27x9 50x15, 6 Ply Tubeless	$74.00
27x9 50x15, 8 Ply Tubeless	$80.00
31x13.50x15, 6 Ply Tubeless	$116.00
31x13 50x15, 8 Ply Tubeless	$125.00

• WAGON TIRES SHIPPED UPS - NO CHARGE! •

CONTRACTOR F-3

11Lx16, 10 Ply	$95.00
11Lx15, 8 Ply	$90.00
11Lx15, 10 Ply	$105.00
750 800x16, 10 Ply	$104.00
11Lx16, 12 Ply	$130.00
145 - 75 - 16 1, 10 Ply	$246.00

Small Rear Farm Tires

750x20, 4 Ply	$79.00
750x24, 4 Ply	$87.00
8 3x24, 4 Ply	$107.00
8.3x24, 6 Ply	$113.00
9.5x24, 4 Ply	$120.00
9.5x24, 6 Ply	$128.00
11.2x34, 4 Ply	$180.00
11.2x36, 4 Ply	$183.00
12.4x24, 4 Ply	$156.00
12.4x36, 4 Ply	$240.00
13.9x36, 6 Ply	$256.00

SKID LOADER TIRES

570x12, 4 Ply	$45.00
23 850x12, 4 Ply	$53.00
27 850x15, 4 Ply	$57.00
27 850x15, 6 Ply	$62.00
27.1050x15, 6 Ply	$89.00
700x15, 6 Ply	$70.00
750x15, 6 Ply	$74.00
10-16 5, 6 Ply	$80.00
12-16 5, 8 Ply	$125.00
Steel Shield	
10-16 5, 6 Ply	$110.00
12-16.5, 8 Ply	$180.00

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[illegible] Penna, New Jersey, Northern [illegible]
[illegible] Maryland [illegible]

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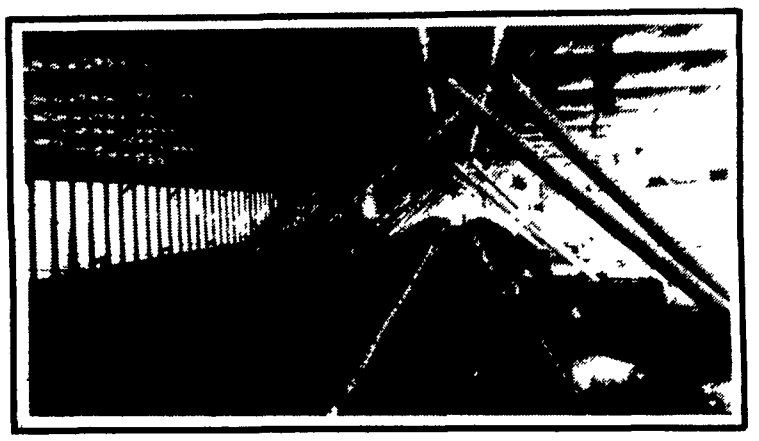
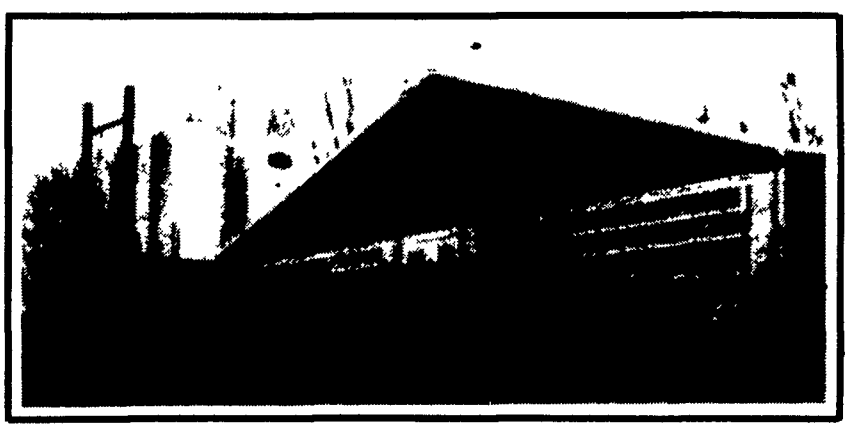
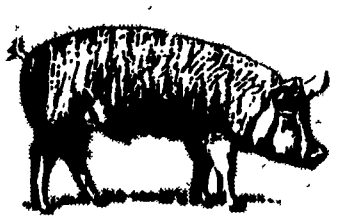


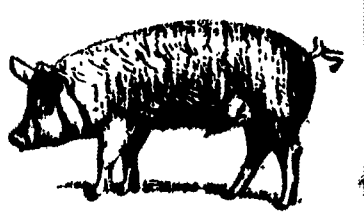


GSI Double Bulk Bins
Note: Adjustable Loading Chute And Pit Fans

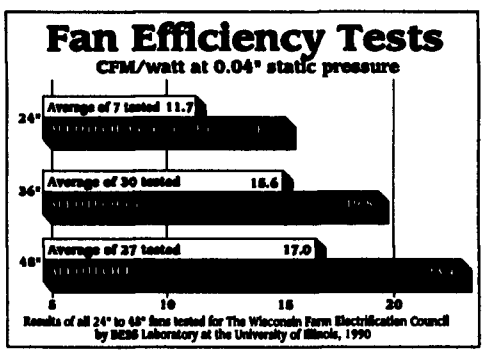


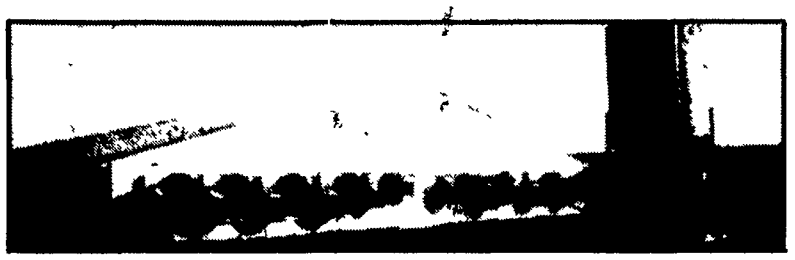
CONTRACTS ARE AVAILABLE

For 1000-3000 Head Finishers... We Can Assist You With Cash Flow Projections, Financing And Contracts.



aerotech® Ventilation Systems


Fan Efficiency Tests
CFM/watt at 0.04" static pressure
24"
Average of 7 tested 11.7
36"
Average of 30 tested 15.6
48"
Average of 27 tested 17.0
5
10
15
20
Results of all 24" to 48" fans tested for The Wisconsin Farm Electrification Council by BESS Laboratory at the University of Illinois, 1990



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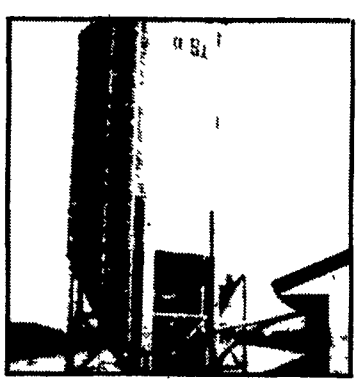
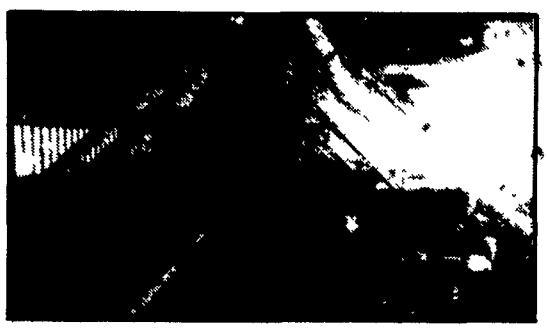
GSI Bin And Auger Systems





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Business News

Gel Formulation Revolutionizes Herbicide Handling

RESEARCH TRIANGLE PARK, N.C. — A novel crop protection chemical formulation developed for Buctril® brand bromoxynil herbicide promises to revolutionize the way such products are handled.

The formulation, a gel packaged in water-soluble paks, is more convenient to handle, greatly reduces problems with worker exposure and container disposal, and results in less environmental impact in manufacturing than typical liquid formulations.

Buctril Gel underwent extensive on-farm testing under an experimental use permit in 1992, and is expected to be available in limited quantities for the 1993 season, pending EPA approval.

"Farmers and farm chemical applicators who tested the product this past spring were very excited about the gel," said Dave Downing, bromoxynil product manager for Rhone-Poulenc Ag Company. "Based on their assessments, we anticipate that many agrichemical users will be quick to adopt this new technology.

"This formulation meets every challenge we had," said Dr. Len Hodakowski, the Rhone-Poulenc chemist whose team developed the gel. "We wanted a formulation that was stable, could be placed in water-soluble packaging, and would not affect the activity of the herbicide. In about four years of testing dozens of different possbilities, we found a gel that met our criteria."

A key feature of the gel formulation is its water-soluble packaging. The individual gel paks are placed in plastic overpacks with a tear tab and packed eight per case. Measuring and loading is as simple as pulling the tab (which is designed to be easy to use even while wearing rubber gloves) and dropping the water-soluble bag into the sprayer or mixing tank. The overpacks and cardboard case do not come in contact with the product, and can be disposed of as normal household waste.

"With this system, the container actually becomes part of the spray solution," said Downing. "It dissolves and is sprayed out right along with the herbicide."

Rhone-Poulenc research has shown that 85 percent of all pesticide exposures occurs during the mixing and loading operation. With common liquid products, the exposure is often a result of splashing or spilling while pouring and measuring. "The water-soluble pack will, for all practical purposes, eliminate exposure to the contents," said Downing.

Since each gel pak treats five acres at the standard application rate of 0.25 pounds active ingredient per acre (equivalent to 1.0 pint liquid), measuring is greatly simplified. The result may be more accurate applications. "For example, if you're applying 0.25 pounds per acre, it's a lot easier to remember to drop in five bags per 25-acre load than to measure out 3.13 gallons of liquid from jugs," said Downing. "You can literally 'throw and go' — toss the bags in, let them dissolve, agitate briefly, then spray."

Because the gel is more concentrated than liquid Buctril, it requires less space for storage and transport. Long-term tests have shown that it remains stable in unheated storage for more than one year. In addition, its higher concentration means less solvents need to be used in manufacturing, which will reduce hydrocarbon emissions at Rhone-Poulenc's manufacturing facilities and when the product is being applied.

Unlike water-dispersible granules or other formulations that are available in soluble packaging, the Buctril formulation does not float in water. Instead, it sinks to the bottom of the sprayer or mixing tank. In about two minutes, the bag dissolves completely and the Buctril gel disperses throughout the spray solution. "Once the bag dissolves, the gel performs very much like liquid Buctril — it goes into suspension easily, and is widely compatible with tankmix partners, such as atrazine or sulfonylurea herbicides like Accent or Beacon," said Hodakowski.

Potential leakage problems are also minimized with the gel formulation. Tests have shown that the gel will even self-seal small punctures in the water-soluble pack.

Buctril gel is expected to be the first of several Rhone-Poulenc products that will be available in gel form. In development are a Bronate® brand herbicide gel and gel formulations of 2,4-D and other phenoxy herbicides. Work is also under way on gel formulations of ethoprop and deltamethrin insecticides.

Buctril is a broad-spectrum postemergence herbicide used to control annual broadleaf weeds in corn, small grains, grain sorghum, seedling alfalfa, mint, onions, and other crops. Registration is pending for its use on cotton, soybeans, peanuts, rice, and sugarcane.

New gel formulation of Buctril herbicide takes half the space and weighs half as much as the equivalent amount of the liquid formulation. Buctril Gel-Paks are premeasured and water-soluble, so mixing and loading is more convenient and poses less threat of exposure to user.

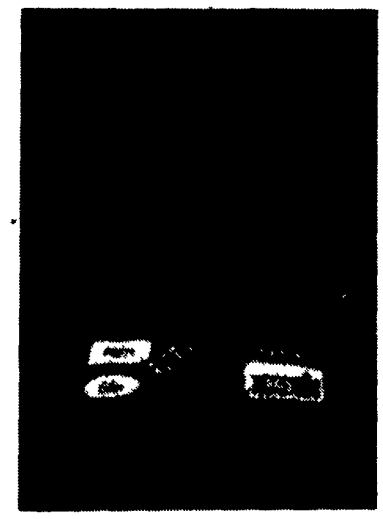
New Buctril Gel-Paks contain new formulation of herbicide in water-soluble bag for "throw and go" convenience. Users are protected from exposure to herbicide during mixing and loading, and paks take half the space and weight of liquid.

Messick Hires Moyer

ELIZABETHTOWN (Lancaster Co.) — Messick Farm Equipment is pleased to announce the hiring of Glenn Moyer as outside parts salesman. Moyer replaces Dale Greiner and is looking forward to serving his route customers.

Moyer was born and raised on a dairy farm in Manheim. He is married and has four children. Moyer is a member of the Manheim Young Farmers and attends Elizabethtown United Zion Church. Having run a dairy and farm supplies route truck for three years, Moyer's expertise in the field is a welcome addition to Messick's line of services.

If you are interested in having a route salesman stop at your farm, please call Jay Gainer at (800) 222-3373.



Glenn Moyer

Cassel Promoted To Lancaster Pig Manager

ELIZABETHTOWN (Lancaster Co.) — White Oak Mills is pleased to announce the promotion of Jere Cassel to manager of Lancaster Pig, a farrow-to-feeder pig commercial pork production farm.

The 700-head unit, populated with ProGenetic breeding stock, specializes in producing market hogs to be sold to Hatfield Quality Meats.

To ensure efficient and profitable production, Cassel will oversee the daily operation of the unit and assist in breeding, farrowing, and health control.

A 1986 graduate of Lancaster Christian Academy, Cassel was a member of the student council and the yearbook staff. He also played on the basketball team for three years.

In 1990, Cassel earned a bachelor's in Bible from Lancaster Bible College, where he was actively involved with the basketball, baseball, and soccer teams.

Before coming to White Oak, Cassel was employed by SIM USA, Inc., a mission agency. He served as a user support specialist in the computer department for one year.

A resident of Manheim, Cassel hopes to be involved with installation of computers at White Oak farms sometime in the future.

Jere Cassel

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REASON #1) OUR ENGINES: These are rugged, field proven **MAXXUM** engines, designed without compromise. What they're not is lighter, lower-cost versions of 30 year-old technology fed a 1990's diet of weight and cost reductions.

REASON #2) OUR TRANSMISSIONS: **MAXXUM** transmission housings are made of cast iron - the strongest and most durable available. Unlike some tractors, using light weight housings, **MAXXUM** is built for difficult farming conditions. With **MAXXUM**, you can shuttle with your left hand, freeing your right hand for loader control.....for total control.

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Intercourse, PA

ERB & HENRY EQUIP., INC.
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BENDER IMPLEMENT CO.
Somerset, PA

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Chambersburg, PA

CARLISLE FARM SERVICE
Carlisle, PA

W.C. CRYTZER EQUIP., INC.
Kittanning, PA

LIGONIER SALES & SERVICE
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HETRICKS FARM SUPPLY
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caseih

Forage Quality Analysis: Who Can I Trust?

Dr. Marvin H. Hall
Assistant Professor Of
Forage Management
Penn State

As I visit with hay producers and buyers, I frequently hear someone comment about forage analysis laboratories in a less than complimentary manor.

"I collected two samples from the same lot of hay, sent them to two labs, and got different quality analysis back. One of the labs uses near infrared reflectance spectroscopy (NIRS) to analyze the sample that NIRS just isn't any good."

As I listened to comments such as this, I am continuely reminded of the misunderstanding associated with forage quality analysis in general and NIRS in particular. I to use this opportunity to explain NIRS and why quality analysis differ between labs regardless of which method they use to analyze forage quality.

Lets start with an explanation of how and why both chemical and NIRS analysis are suppose to predict forage quality. In chemical analysis, the forage sample is subjected to numerous chemical treatments which destroy or isolate certain portions of the plant constituents. The isolated or remaining plant material is measured and this quantity is related to animal performance.

The relationship between the plant constituent and animal performance has been developed through animal feeding trials over many years. Forage quality terms such as crude protein (CP), acid detergent fiber (ADF), neutral detergent fiber (NDF), and invitro dry matter digestibility (IVDMD) are chemically determined plant components that reflect animal performance when they eat the forage.

Numerous steps are involved in determining forage quality using chemical analysis (Table 1). Each step is basically repeated for each quality parameter that is determined. Because of the numerous steps involved, chemical analysis requires considerable time to complete and is subject to the potential for considerable human error. In addition, the disposal of chemicals after completion of the analysis is becoming an environmental concern.

Table 1. Steps involved in chemical and NIRS analysis of forage quality.

Chemical*	NIRS**
Collect sample	Collect sample
Prepare sample	Prepare sample
Weigh subsample	Analysis procedure
Chemical procedure	Report quality
Dry residue	
Weigh residue	
Calculate quality	
Report Quality	

*Each of these steps must be repeated for each quality measurement (e.g. CP, ADF, NDF, IVDMD)
**Steps must be completed only once for analysis of as many quality measurement as exist.

In NIRS analysis, the forage sample is subjected to near infrared light waves and the absorption of these wave is measured. The exact wavelength absorbed and the strength of absorption is determined by the chemical constituents in the sample. The absorption is then related to quality factors such as CP, ADF, NDF, and IVDMD. Again, the relationship between these quality factors and animal performance has been developed through animal feeding trials over many years.

There are a limited number of steps involved in NIRS analysis (Table 1). After the sample has been collected and prepared, complete analysis requires about two minutes. Since samples are not weighed and fewer steps are involved in NIRS analysis, there is less chance for human error and the results are more repeatable. In addition, there are no chemical disposal considerations associated with NIRS analysis.

Now lets address the question of why laboratory results differ when they are sent the "same" sample. To deal with this problem, the terms *accuracy* and *precision* must be addressed. *Accuracy* is a measure of the ability of the procedure to measure or predict the "true" value. In forage analysis, accuracy implies how closely the quality measurements of the submitted sample compares to the true quality of the load of forage it came from. *Precision* is also known as repeatability, and is a measure of the ability of a procedure to repeatedly provide the same result for a given sample.

Accuracy of forage analysis is limited by the weakest like in the analytical procedure. For both chemical and NIRS analysis, the limiting factor to accuracy is sample collection (Table 2). The highest level of accuracy we can expect from a single sample from either chemical or NIRS analysis is plus or minus **1.58, 2.45,** and **4.25** percentage units for CP, ADF, and NDF, respectively. This degree of accuracy is because of the inability to obtain a sample that truly represents the load of hay that the sample is collected from.

Table 2. Accuracy (standard error) associated with sample collection.

Quality Factory	Standard Error
Crude protein	1.58
Acid detergent fiber	2.45
Neutral detergent fiber	4.25

Table 3. Precision (standard error) associated with chemical and NIRS quality analysis.

Quality Factor	Chemical	NIRS
Crude protein	0.53	0.10
Acid detergent fiber	0.73	0.30
Neutral detergent fiber	0.85	0.45
Invitro DM digestibility	1.14	0.63

(Turn to Page C5)

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Performance Results

(Continued from Page C4)

Precision, on the other hand, is an indication of the ability of a analytical method to repeatedly produce the same results. NIRS has greater precision (lower standard errors) than chemical analysis (Table 3). This would be expected because there are fewer steps and less chance for human error in the NIRS procedure compared to chemical analysis.

So why do labs report different quality when sent the "same" sample? More than likely because ***the samples were not the same!*** Since accuracy of sample collection is so much lower (higher standard error) than precision of either method (Tables 2 and 3), sample collection is the limiting factory in the ability any lab whether using NIRS or chemical analysis to produce identical quality results for samples collected from the same load of hay.

How many cores should be collected from a load of hay to minimize the error associated with sample collection? The answer to this question is dependent on the size of the load, but in general, five cores for every ton with and minimum of 10 cores per load should be sufficient (Table 4). Note that just taking the second core sample almost doubles the accuracy in measuring CP, ADF, and NDF.

Table 4. Variation (standard error) in quality of 2 ton hay loads based on number of cores taken.

# Cores	Crude Protein	ADF	NDF
1	1.6	2.5	4.3
2	0.8	1.2	2.1
10	0.6	1.0	1.6
15	0.5	0.9	1.4
20	0.5	0.8	1.3

In summary, the main reason for quality results differing between labs is that they did not receive identical samples. Sample collection is the major source of variability in forage quality analysis. Improving the precision of either chemical analysis or NIRS analysis is mainly academic to persons having a quality analysis done, because errors in sample collection will mask any improvement in analysis.

Learn To Prepare For Disaster

UNIVERSITY PARK (Centre Co.) — Because farm and rural families often live many miles from medical, police, fire and rescue services, in an emergency they must be able to cope until help arrives.

To be ready for a crisis, farm families should take measures to prevent accidents and fires and prepare plans for handling emergencies, said a safety specialist in Penn State's College of Agricultural Sciences.

"You can never be too prepared for an emergency," said Dr. Dennis Murphy, professor of agricultural and biological engineering. "Create a 'what if' emergency plan that involves everyone who lives and works on your farm.

"The kinds of medical, fire, or weather emergencies you should prepare for depend upon the ages and health of the people, the kind of farming you do, and what natural disasters could occur in your area."

Being prepared for an emergency can start with an understanding of basic first-aid techniques. "If a first-aid course is offered in your community, take it," Murphy said. "Get a good first-aid manual and keep it in an easily accessible place. Have a well-stocked medicine cabinet. It's also a good idea to keep first-aid kits in the shop, barn, on the tractor, combine, and truck.

Keeping important numbers on or near all phones can save time in an emergency. "Post the numbers of your doctor, emergency medical service, fire and police or sheriff departments, poison control center, and reliable neighbors who would be willing and able to help," Murphy said.

It also helps to write out clear directions to your place and keep them at the phones to help emergency services get there as quickly as possible.

"Being able to quickly identify the right house can save minutes in response time from an ambulance or fire engine—and in a crisis, every second counts," he said. "Make sure your house number is clearly posted on your home, mailbox, or entrance to your driveway so that it can be seen from the road, day or night.

"Someday you may be first on the scene of an accident," Murphy said. "Think about the appropriate responses to all types of emergencies that could happen on your farm. Everyone should at least be able to shut off an engine and electrical power."

Be prepared for fires. "First, make sure you have operating smoke detectors at strategic points around the house," Murphy said. "Install fire extinguishers and know how to use them."

"Also, develop and rehearse a home fire escape plan, including ways to evacute those who cannot get out on their own. Make sure children know what they should do.

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Detwiler Elected To ASCS

LEBANON (Lebanon Co.) — William Detwiler, a Lebanon County farmer, was named to the county Agricultural Stabilization and Conservation Committee by delegates to the county ASCS convention, held Dec. 17, at the Lebanon County Agricultural Center.

Local administrative area (LAA) boundaries were set by the ASC committee in compliance with changes required by the Food Security Act of 1985. LAA's help provide farmers with effective farm program administration through local representation.

The delegates also elected Carl Detwiler and David Kline to one-year terms as first and second alternates to the county committee. Terms begin January 1.

Detwiler joins Frank Reist, chairperson, and Esther Rauch, vice chairperson, as a regular member of the county ASC committee.

The county committee is responsible for local administration of government farm programs such as Wheat and Feed Grain, Commodity Loans, Conservation, Wool Incentive, Dairy, and Disaster.

Eligibility for participation in all programs administered by ASCS is on a nondiscriminatory basis as established under law without regard to race, color, religion, national origin, age, sex, marital status or disability.

Winter Slump Or More Success?

George F.W. Haenlein
Extension Dairy Specialist
University of Delaware

Winter is coming. Do you have enough stored silage and hay to feed all your cows, heifers, and calves sufficiently? Or will you run short?

"Sufficiently" means at least 45 pounds good corn silage plus at least six pounds good alfalfa hay or equivalent per day per cow unit. It is well worth your time to calculate how full your hay mows are or how many bales were harvested, as well as the size and amount of what is stored in your silos. Divide this number of cow units and days of winter feeding. This amount is what you will have available.

Though dairy farmers do not relish this job, it is a profitable practice. It may even make sense to pay someone else to do it as long as it's done. You will then know how many tons of commercial supplement, maybe roughage substitutes, have to be purchased in order to get you through the winter with a well sustained level of milk production. Purchasing feeds means cash outlays, so watch that return over feed costs to ensure your continued profitability.

It's still true that higher-producing herds require higher amounts of purchased feed, but net income is also greater. However, that higher amount of purchased feed has to be within the balanced ratio of roughage to concentrates of about 60:40 percent of the total. If it isn't, the cows will have all kinds of trouble and veterinary bills, and there goes your profit down the drain.

How do high-producing dairy herds manage to keep that roughage balance and still profit? A recent study of 61 top DHIA herds gives some interesting clues as to what works. These cows averaged 24,418 pounds milk, 868 poounds fat, and 764 pounds protein. Only a few years ago, a milk production level like that was unheard of as a herd average, even though individual cows have even reached twice that amount.

Under our prsent milk marketing and payment system, it continues to be profitable to push total pounds of milk before any other goal. Are we going to see herd averages of 30,000+ pounds in a few years? And how will these cows have to be fed to remain profitable?

The study of the above 61 herds found that the majority of producers fed corn silage and alfalfa hay and/or alfalfa haylage to their cows. However, when I see samples of alfalfa hay made in this region compared to alfalfa haylage made here, I wonder why everybody isn't switching mainly to alfalfa haylage? The leaves retained and preserved in haylage exceed by far the leafiness of even the best-made alfalfa hay, which means more return for the labor put into the making of haylage compared to hay, at least in this region. We not only have the traditional upright air-tight silos for making haylage, we also have the very best haylage made inexpensively into big bales completely covered by plastic strips.

Some local farmers have taken up this practice, though not nearly as many as should, since it means better profits. The study also found that two-thirds of the herds were fed a total mixed ration, or TMR, as it is now popularly known. Few were fed in a stanchion or flat barn and even fewer were fed on a computer system.

There is potential here for progress. As popular as TMR is, it is limited in that it will feed only groups, not individual cows. Dairy producers must maintain and rearrange groups, experiencing all the upheaval that routine implies. It's impossible to control over- and under-feeding within each group.

Surprisingly, the study also found that these high-producing herds were fed with extra labor 4 to 6 times per day, not the usual 2 times. That is the great advantage of computer feeding-- cows can be fed at least 4 to 6 times per day without addtional labor costs. Of course, computer feeders feed individual cows, and daily printout records keep rtrack of each cow's feed consumption in relation to her milk production, health, and reproduction.

Because there is no need to group cows at any time in any way, this system requires less labor, reduces unrest among the cows, and earns the dairy operation more profit. I predict we will see more and more computer feeders and less TMR as dairy herd production climbs to higher levels.

The study also found that in these special herds a new system is being adopted—body condition scoring—to better feed and breed in relation to it. Sixty-seven percent of herds in the study use it.

The Good Book says "that the eye of the farmer feeds his cattle." This body condition scoring is essentially the same, only more sophisticated. A cow uses her feed intake for a list of priorities—her feed is for milk production and her own body maintenance first. She uses what is left for the next reproduction cycle, coming into estrus and pregnancy.

If high-producing cows are deficient in the daily required amounts of nutrients, energy, protein, amino acids, fat, fiber, water, calcium, phosphorus, vitamins and other minerals, they will use them in order of priorities, and the dairy farmers are the losers. This is particularly true at the end of winter when dairy operations will suffer the so-called winter slump because producers did not calculate total feed needs correctly. As the cows adjust their priorities to the feed amounts, profits will slide.

In the long run, there may be more profit in feeding a few cows less, but correctly, throughout the winter.

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Gro-Mor Forms Nutrient Management Division

LEOLA (Lancaster Co.) — If you follow legislative happenings at all, or have your ear to the ground in your farm organization, you know farm nutrient management planning is one of the big topics of discussion those days.

And as usual, there are many different voices calling for action in this area of concern. Those who focus on the environment feel concerned that excess nutrients may be leaving farmland and entering ground and surface waters.

Government agencies must deal with issues such as conservation, wetlands, The Chesapeake Bay, water quality incentives, etc. Farmers continue to do their best to use their manure resources efficiently, apply fertilizers according to soil test recommendations, and maximize crop and animal productivity on their farm.

It's been said before, and it is true, no one is more concerned about the environment than the farmer and his ag dealer. They make their living in direct contact with the environment every day.

But as science continues to unveil new knowledge about farm nutrient cycles and their true effect on the environment, soils, and crop growth, professional experience and knowledge become increasingly important to the farmer. This is why farmers are turning to their farm commodity suppliers more today than ever before. Fertilizer suppliers have been involved in soil and manure testing, crop fertility recommendations, and yield monitoring for years. And today their methods include sophisicated techniques and processes.

Gro-Mor Plant Food Company is among these progressive fertilizer dealers, having served the farming community for more than 11 years. And now this company has formed a new division called Nutrient Solutions For Agriculture.

The main function of this new division will be to provide state of the art, computerized farm nutrient evaluations, planning, and recommendations. A new computer system has been installed at the main office of Gro-Mor Plant Food Company which will allow for very rapid production of Farm Nutrient Management Plans.

Plans are to include color highlighted computer generated maps for each farm, showing the farmer the priority status of each field for manure and/or nutrient loading. Those farmers which are Gro-Mor Customers can enjoy this service at a special price by simply contacting their sales representative. This service is also available to those farmers who are not currently Gro-Mor customers.

Gro-Mor Plant Food Company extends a warm welcome to all farmers and other interested parties to visit their booth at The 77th annual Pennsylvania Farm Show, January 9-14, spaces 620 and 621. A demonstration of this new system is being planned, so farmers are encouraged to bring copies of recent soil and/or manure test reports to the booth for a free review.

Visitors to the booth may also come to discover the added values of using "true solution" liquid fertilizers in their operation.

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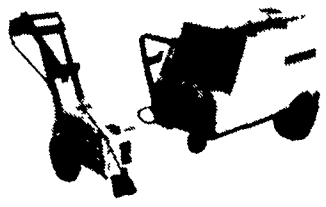

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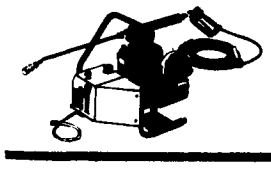

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Beef Research To Enhance Quality, Composition

CHICAGO, Ill. — The product technology research subcommittee of the Beef Industry Council has approved funding for seven beef checkoff funded research studies at five universities and the USDA Agricultural Research Service laboratory at Clay Center, Neb.

Max Deets, subcommittee chairman and Kansas beef director, said the 1993 studies will provide the beef industry with even more scientific-based information to further enhance consumer demand for its product.

The research studies, totaling more than $314,000, will focus on beef composition, product quality, innovative technology and food safety.

In the composition studies, Chris Calkins, University of Nebraska, will study the use of TOBEC (total body electromagnetic conductivity) scanning to refine the technology's application in predicting lean value of a beef carcass. The project will then create an economic computer model to objectively determine lean value, a key in advancing the industry's initiative of value based marketing.

At Texas A&M Univeristy, Jeff Savell and coworkers will use nuclear transfer clone cattle to document the effects of calf-feeding and yearling-feeding on carcass quality, composition and palatability. The research will also investigate the mechanisms involved in the development of intramuscular fat, or marbling. It will be the first meat science research to use nuclear transfer clone beef animals. By using the clones, effect of animal age and management on final product characteristics can be investigated without interferenece from genetic differences.

As the beef industry works to reduce fat in its fresh products, it is likely that variability in product tenderness will increase. Researchers at the ARS facility in Clay Center, Nebraska, will carry out research that will determine the efficacy of using an endogenous enzyme inhibitor to predict tenderness in beef. Moohammad Koohmaraie and colleagues propose to generate a rapid test for this substance, known as calpastatin, 24 hours postmortem. If successful, application of the method would enable processors to segregate carcasses based on their predicted tenderness prior to further processing.

A project at Colorado State University also will investigate beef product palatability, but will determine the effects of estrogenic and androgenic implants on tenderness, as well as marbling. Project leader Daryl Tatum plans to determine the influence of estradiol and trenbolone acetate on intramuscular fat content and tenderness using genetically identical beef animals.

Two innovative technology projects use unique approaches to enhance beef products. Duane Larick, a researcher at North Carolina State University, will develop natural flavor systems to enhance the palatability of low-fat beef products. The study will attempt to isolate, extract and stabilize the flavor components from beef fat, and then demonstrate the use of the flavor concentrates in low-fat products to augment flavor. At the University of Wyoming, Warrie Means will conduct research to isolate and characterize beef enzymes specific for connective tissue, and use them to improve the palatability of lower quality, less-tender beef cuts.

Lastly, an audit to characterize and quantify any possible pesticide residues in beef cattle fed diets of fruits, vegetables and their by-products will be conducted by Gary C. Smith, Colorado State University. This pro-active research will provide scientific-based information to counter beef industry critics.

Beef product technology research is managed by the Beef Industry Council of the Meat Board in cooperation with the Beef Board. The BIC is a federation of 44 state beef councils that works to build demand for beef.

Pa. Exhibitor Takes Reserve At Show

WINDSOR (York Co.) — John S. Eaton, Sr., Triple J Acres, won reserve grand ewe of the National Cheviot Show held at the North American International Livestock Exposition in Louisville, Ky. recently.

Triple J Acres has been raising and exhibiting Cheviots for about four years. "I raise about 20 Cheviot ewes and my son, John Jr., raises about 50 Dorset ewes," said Eaton.

Eaton said that "winning reserve grand champion ewe at this show is quite an honor for an exhibitor from Pennsylvania," because this is the Cheviot Association's national show.

The ewe also won grand champion Cheviot ewe at the 1992 Keystone International Livestock Exposition (KILE) in Harrisburg, was grand champion Cheviot ewe at the 1992 Eastern States (Big E), in West Springfield, Mass., and was grand champion Cheviot ewe at several Pennsylvania fairs.

Triple J Acres, Windsor, won reserve grand champion Cheviot ewe at NAILE. From left, John Eaton, Jr.; Janet Eaton; and John S. Eaton, Sr. Kim Kuykendall showed the sheep.

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Cardinal Cleated Belt Conveyor Moves 800 Bushels Per Hour

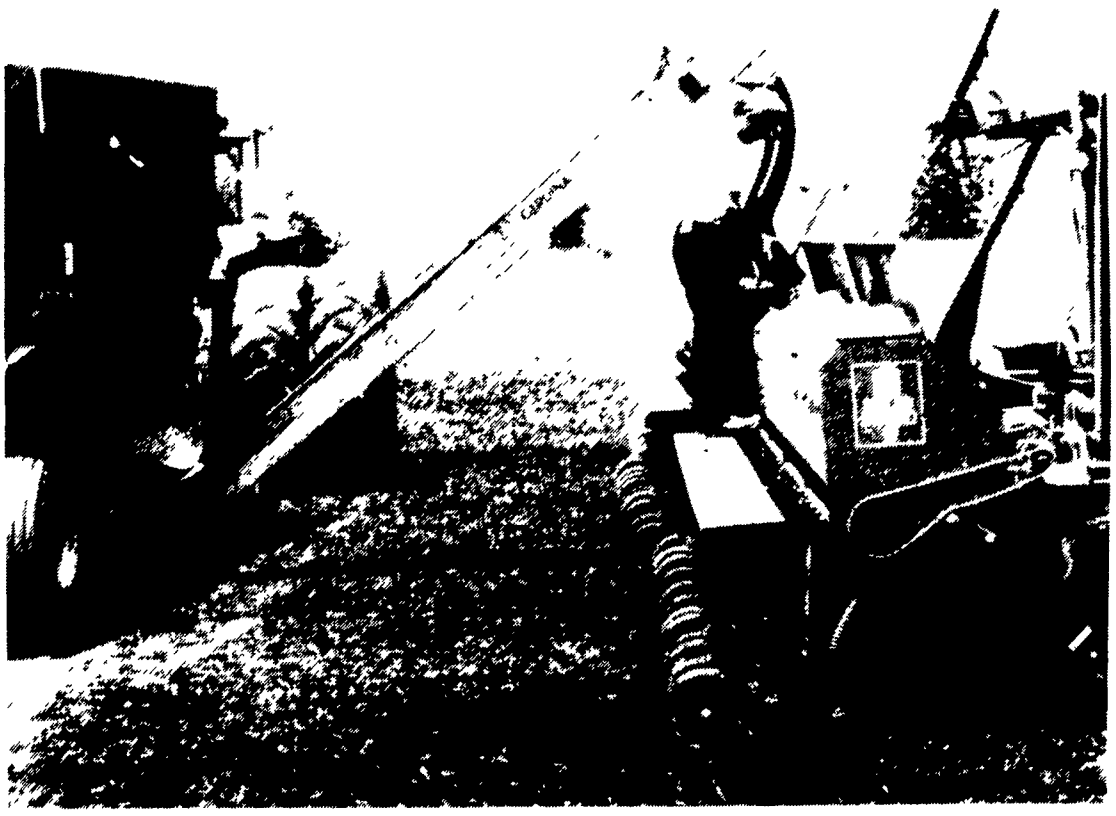
COLUMBIA CITY, Ind. — The new patent-pending Cardinal high-capacity cleated belt conveyor from Cardinal Grain Systems, Inc., is designed for use with gravity wagons, grain carts, or truck endgate.

The versatile conveyor moves bulk seed, feed, or fertilizer at the rate of 800 bushels per hour at a steep 45-degree angle without damaging valuable seed. Germination tests show minimal damage to seed moved with the conveyor.

Featuring heavy-duty galvanized steel construction, the conveyor is equipped with a 1,750 psi motor and has a conveyor saddle to hold conveyor in place during transport. Other features include 6-inch diameter discharge spout with rubber end, 1 1/4-inch bearing, 2-inch high cleats, 8-inch flange clamp, and a 1,000-pound winch and cable.

The cart and wagon conveyor is available in 6-inch x 13-foot and 6-inch x 16-foot configurations and comes with a wagon boot and L/R hookup plates. The truck unit is available in 6-inch x 13-foot model with endgate mount plate and conveyor stand.

For free literature or more information, contact Cardinal Grain Systems, Inc., P.O. Box 992, Columbia City, IN 46725, (219) 244-4654.



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Kubota's Front Mower Receives Top Honors

COMPTON, Calif. — Kubota Tractor Corporation's FZ2100 front mower was recently named to "The Agricultural Engineering 50," an annual list recognizing outstanding innovation in agricultural products and systems, by Agricultural Engineering magazine. The FZ2100 was featured in the magazine's September 1992 issue.

Featuring the unprecedented combination of zero diameter turn (ZDT) and auto assist differential (AAD) 4-wheel drive, the 20-horsepower FZ2100 was recognized in the "AE 50" for outstanding engineering quality and for best addressing current market needs.

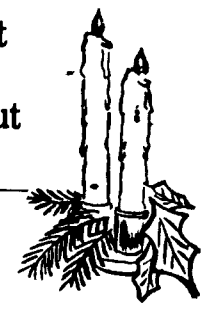
The ZDT system was noted for an enhanced overall mowing performance in minimizing turf damage and for performing extremely well in confined areas. When activated, the ZDT system immediately cuts power to the front wheels, providing power to the rear wheels and allowing the operator to turn completely around in one spot without damage to the turf.

Kubota's AAD system was also recognized for improving mowing traction by allowing the FZ2100 to automatically switch between 2-wheel drive and 4-wheel drive as mowing conditions demand.

Each year a panel of engineering experts selects the AE 50 from a pool of nominations from varied agricultural-related companies.

Agricultural Engineering is a technical/professional magazine published by the American Society of Agricultural Engineers with domestic and international circulation.

May the peace and Joy of Christ fill your hearts during this Christmas Season and throughout the New Year!



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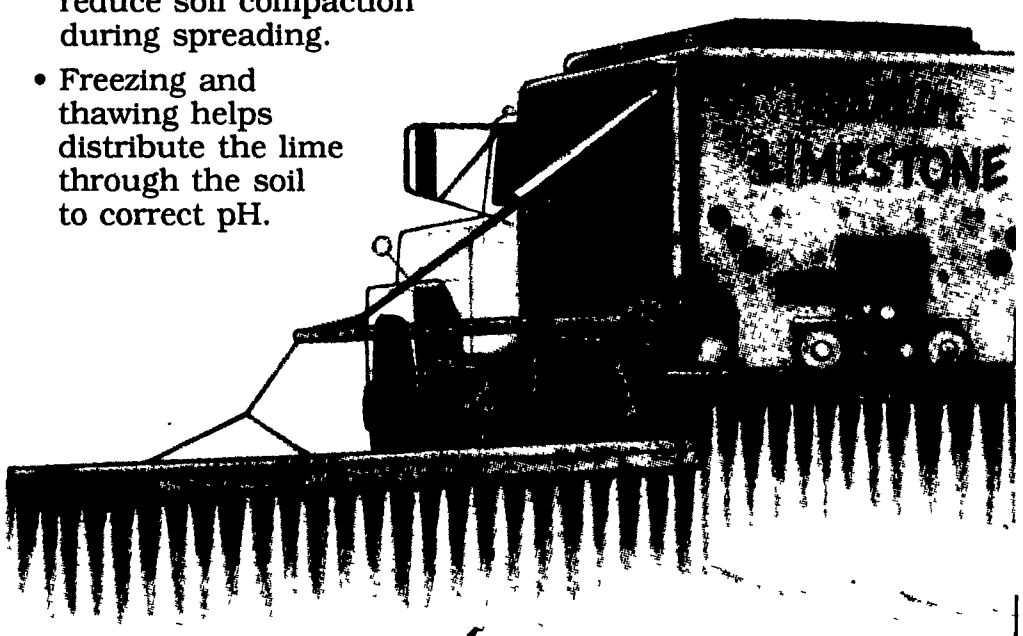

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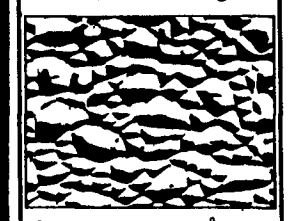

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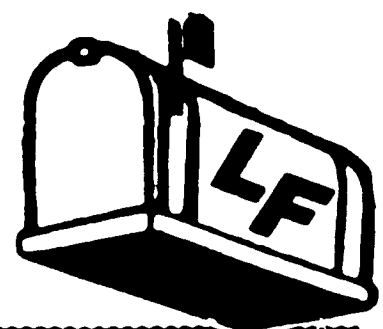

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17	6.12	12.24	15.30
18	6.48	12.96	16.20
19	6.84	13.68	17.10
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1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
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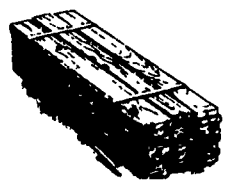

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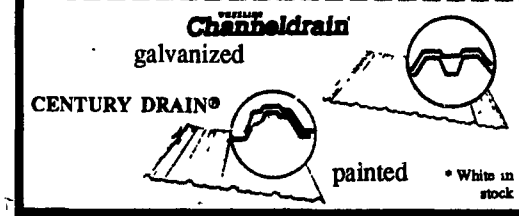

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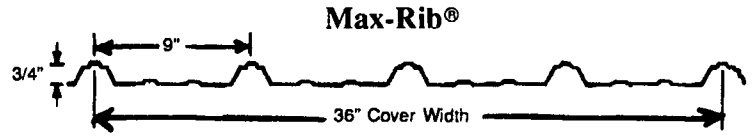

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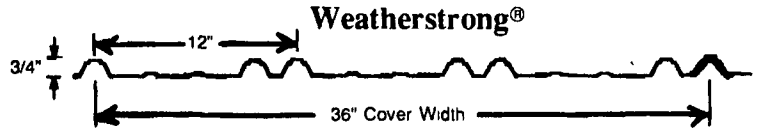

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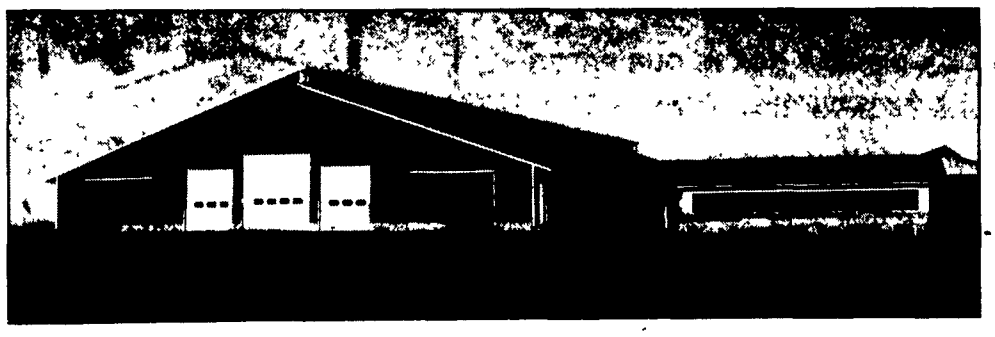

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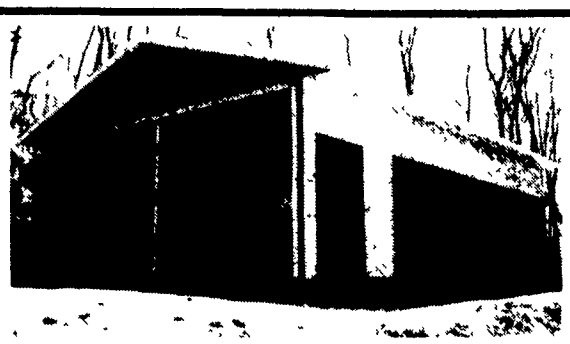

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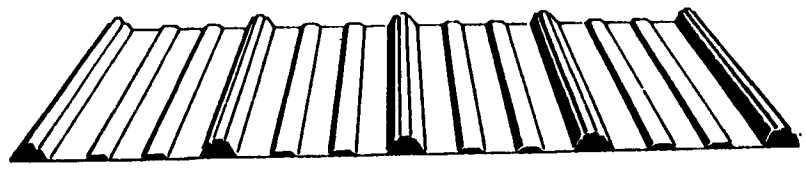

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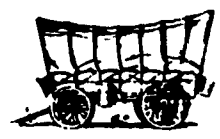

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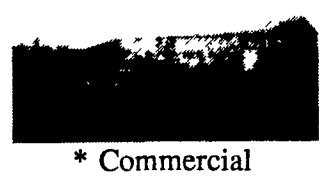

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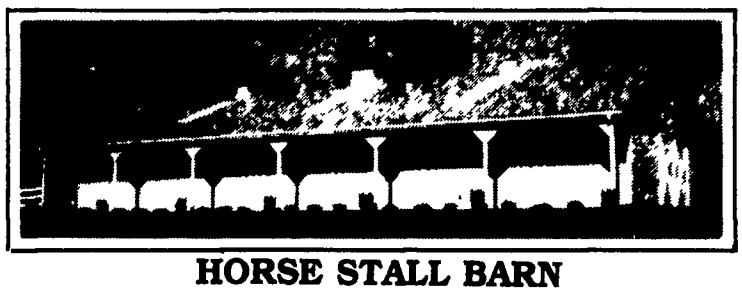

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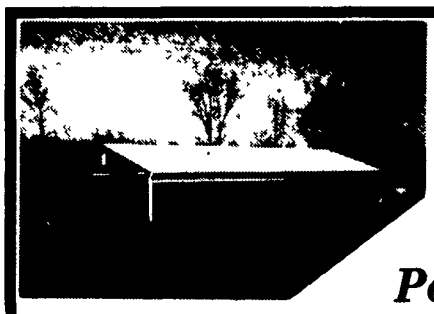

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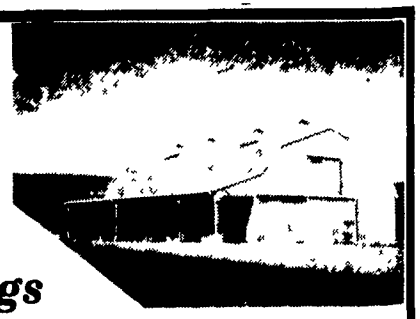

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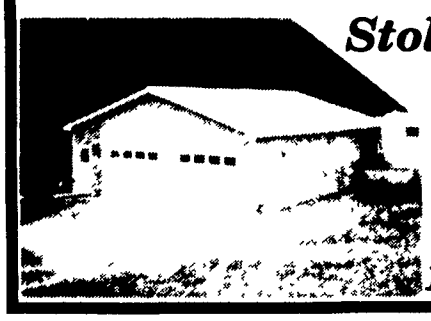

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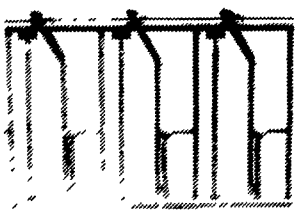

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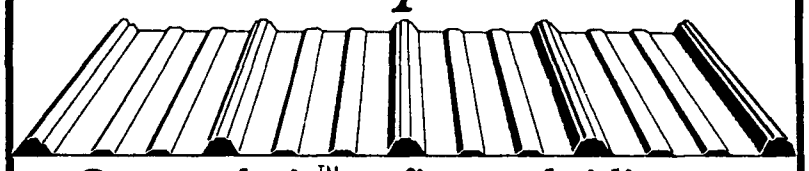

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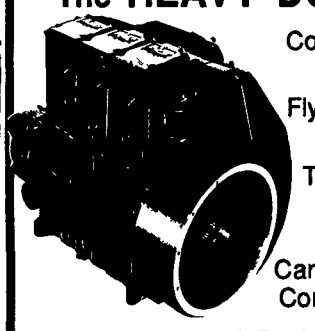

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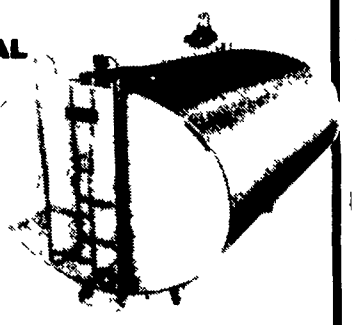

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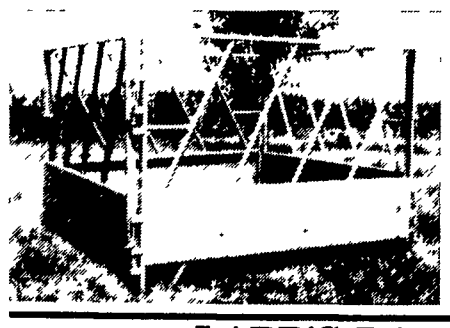

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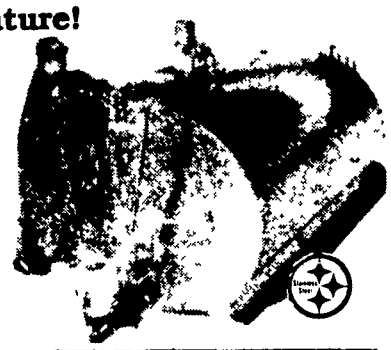

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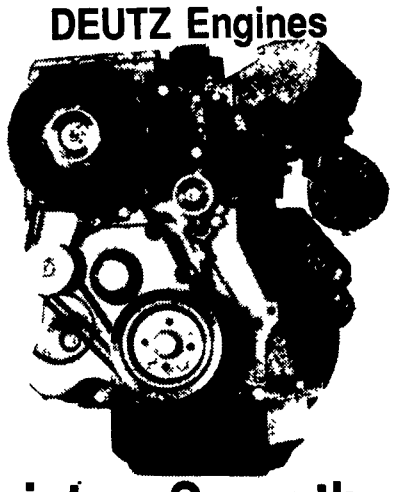

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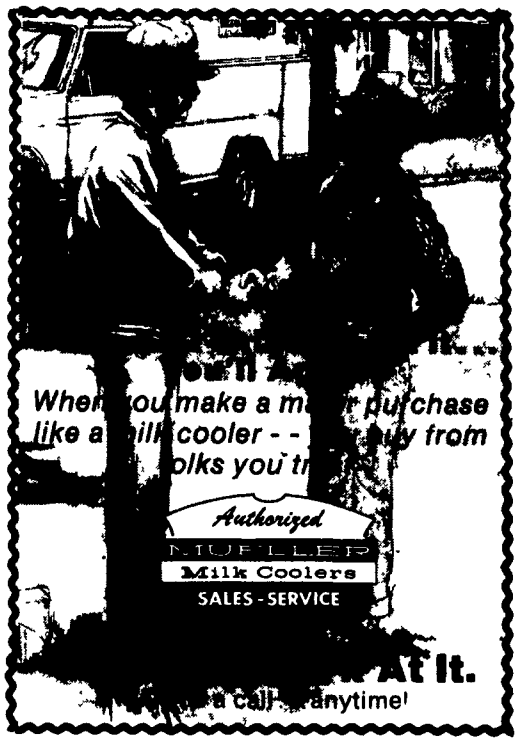

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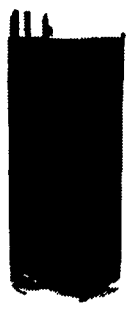

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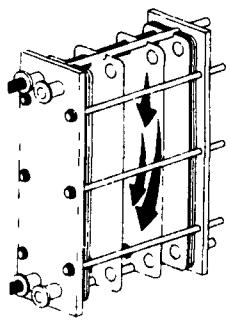

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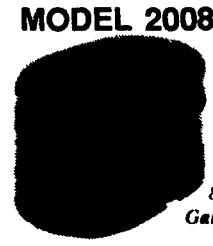

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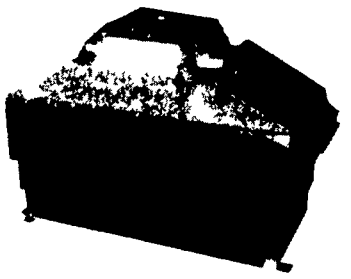

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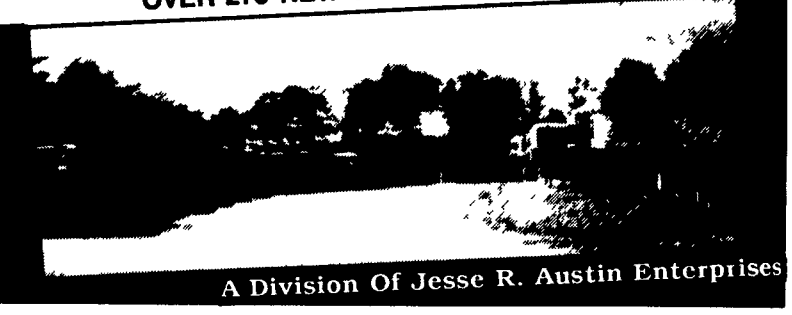

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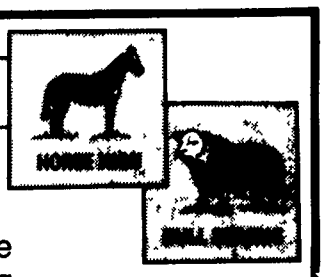

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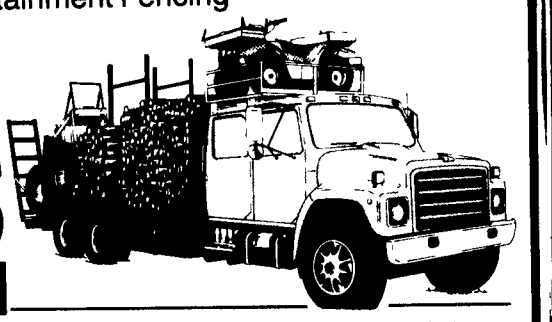

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Thank you Lancaster Farming and Readers for over 12 years of support to KENCOVE Fence. We have really enjoyed the many friends we have met through Lancaster Farming. The first 2 specials we are offering only to Lancaster Farming readers. These specials end 12-30-92 and are available only when equal dollars are spent on regular priced KENCOVE items. Many of our regular priced items have a shipping allowance.

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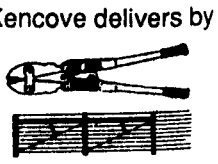

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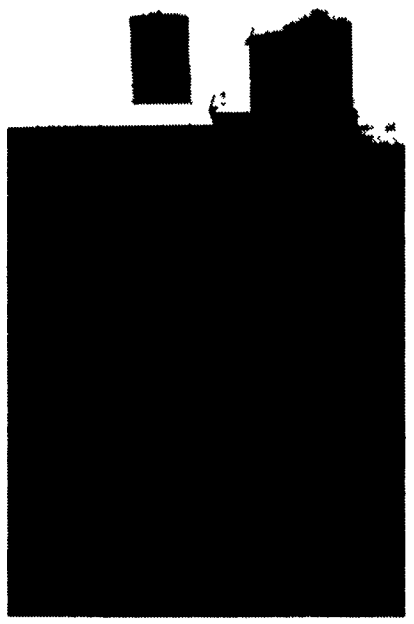

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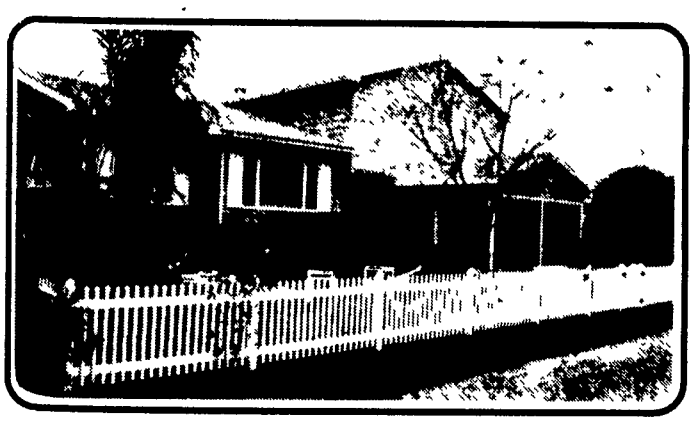

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20 Boars January Service. Scan figures available.
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Consigning 10 Bred Gilts to PA All-Breed Bred Gilt Sale, Saturday, January 9th, Harrisburg, Pa.

Sale Report 81st Hog Sale
- **36 Bred Gilts averaged $302. High at $360 to Glenn Sauder, Manheim and Jean Banff, NJ**
- **24 Boars averaged $470. High at $825 to Neil Wertz, Danville.**
- **43 Open Gilts averaged $186. High at $230 to Jean Banff, NJ**

82nd Hog Sale, Saturday, February 6, 1993
Selling 150 Head Bred Gilts, Open Gilts & Boars.

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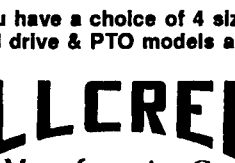

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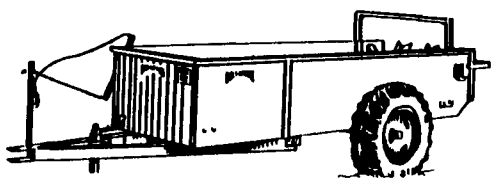
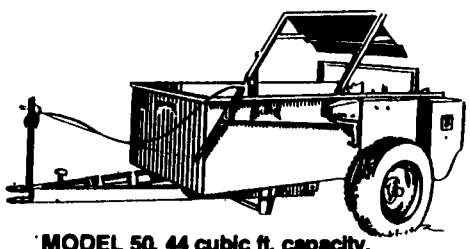
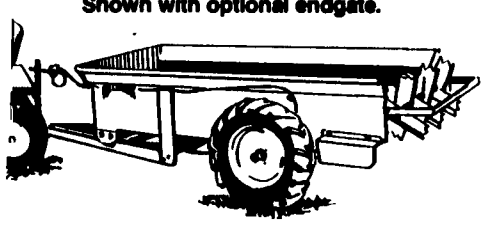


MODEL 75, 62 cubic ft. capacity. Operates behind 18-hp tractor.



MODEL 50, 44 cubic ft. capacity. Shown with optional endgate.



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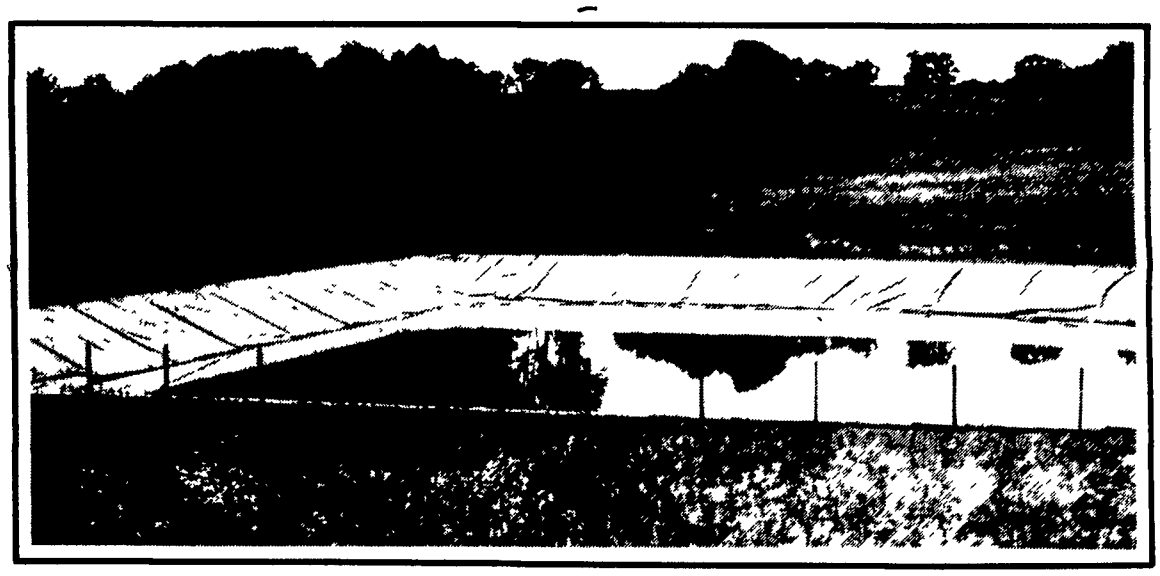

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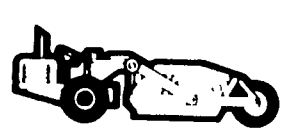

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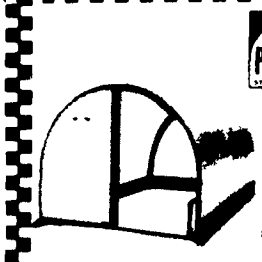

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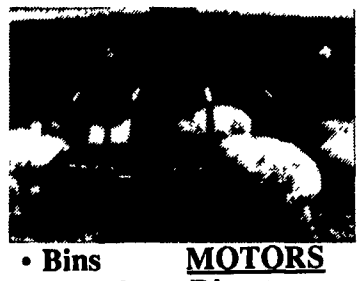

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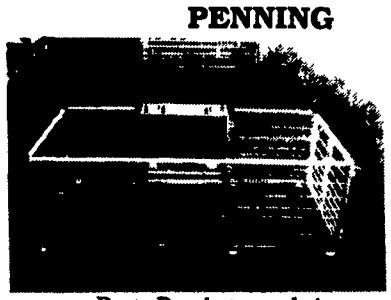

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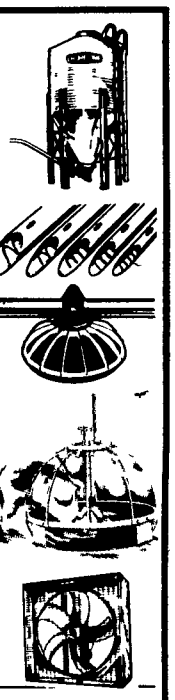

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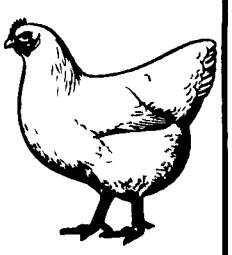

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As Low As
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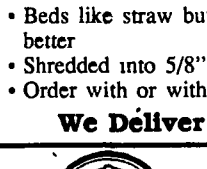

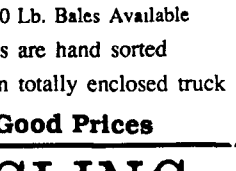

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6" - 14" 3 yr. seedling R.P.	0.36	0.32	0.180
10" - 18" 3 yr. seedling R.P.	0.38	0.34	0.190
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WHITE PINE - Southern & N.E.*			
5" - 10" 2 yr. seedling	0.33	0.29	0.165
6" - 12" 3 yr. seedling	0.47	0.43	0.235
6" - 14" 2-2 transplant	0.85	0.75	0.540
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6" - 12" 3 yr. seedling	0.48	0.44	0.240
VIRGINIA PINE*			
7" - 14" 3 yr. seedling R.P. C.P.	0.35	0.31	0.175
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6" - 12" 3-1 transplant	0.65	0.60	0.420
6" - 14" 2-2 transplant	0.85	0.75	0.550

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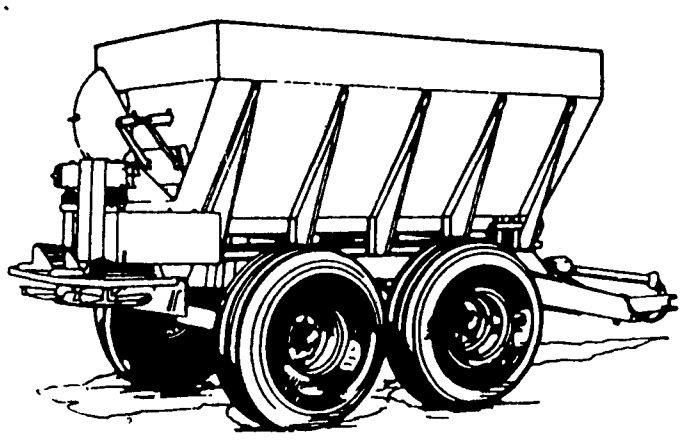
16 FERTILIZER

6 DAIRY EQUIPMENT

LIME TO SUIT YOURSELF!



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- Use our spreaders!

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92% CCE Calcium Oxide		43%
ENP 69 Magnesium Oxide		6%
55% passing 100 mesh		
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Quality Counts Here
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Apples-Pears-Plums-Cherries-Nectarines-Apricots
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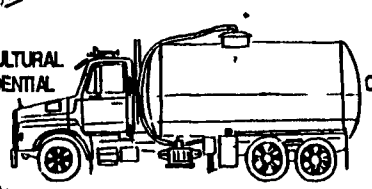

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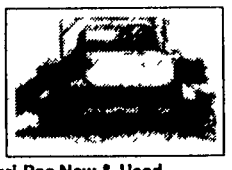

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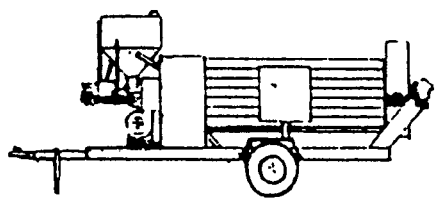

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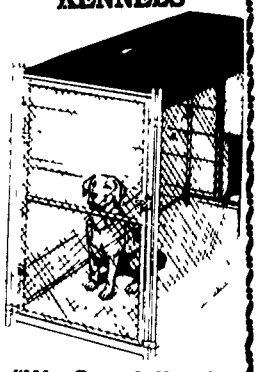

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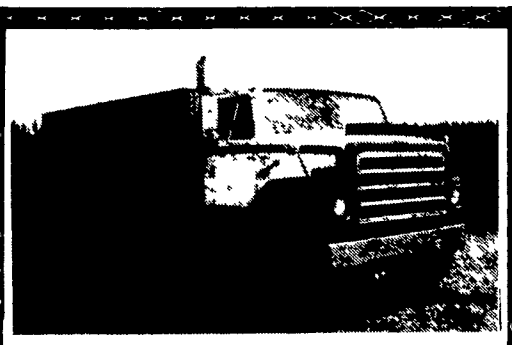

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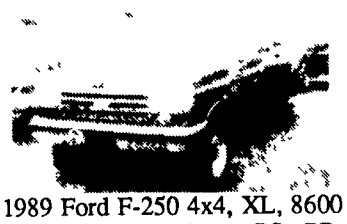
USED TRUCKS



1989 Ford F-250 4x4, XL, 8600 GVW, 351 FI, Auto, PS, PB, AC, Tilt Wheel, Cruise, Rear Sliding Window, Dual Tank, 45,000 Miles
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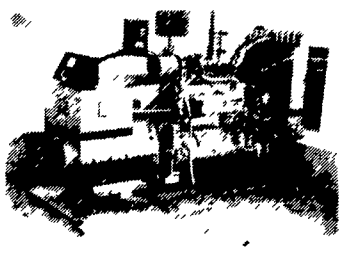

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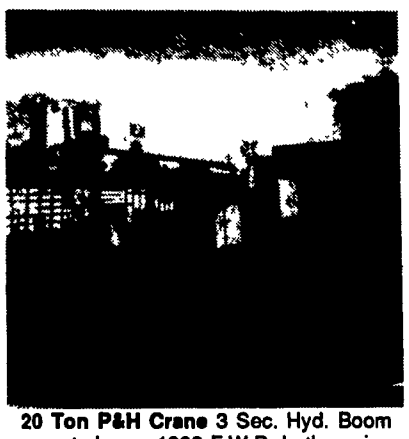
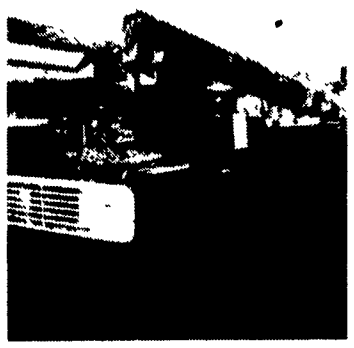
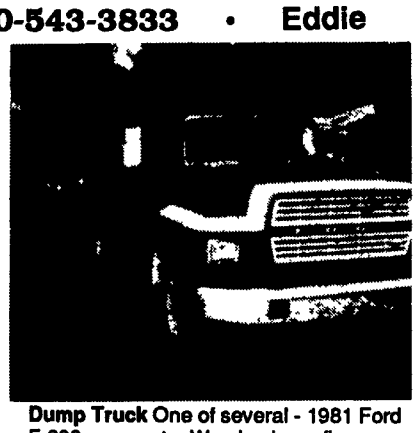


20 Ton P&H Crane 3 Sec. Hyd. Boom mounted on a 1968 F.W.D. both engine gas (new front 89), fleet maintenance.



Ford Squirt Bucket 40' To Bottom Of Bucket, Others up to 65', Call For Details



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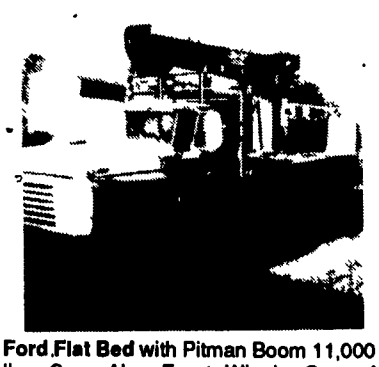

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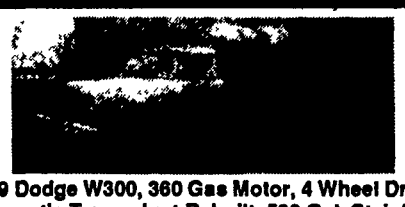

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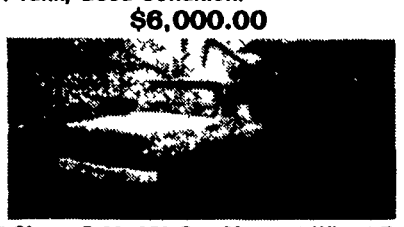

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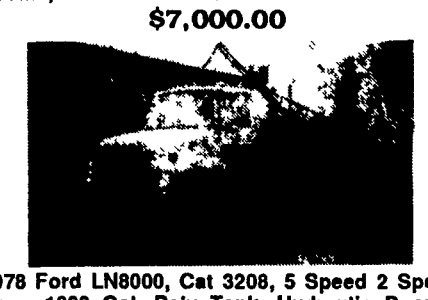

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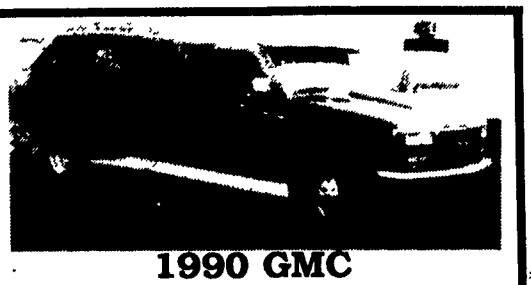

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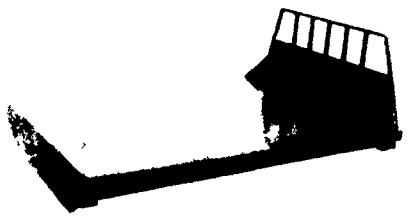

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11 Ft	90"	34 or 38"	$850
12 Ft	90"	34 or 38"	$960
14 Ft	90"	34 or 38"	$1050
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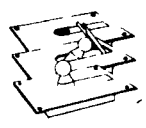

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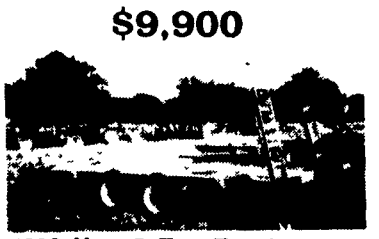

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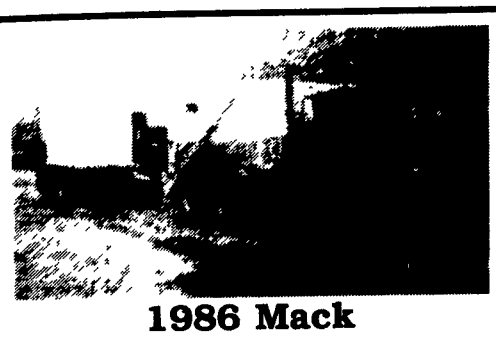

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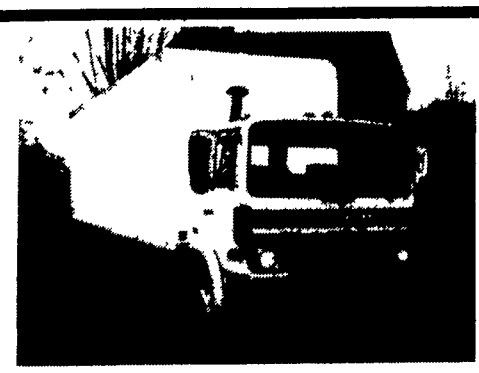

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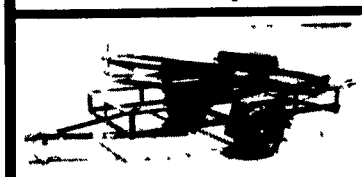

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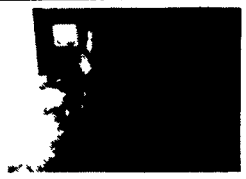

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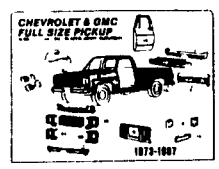

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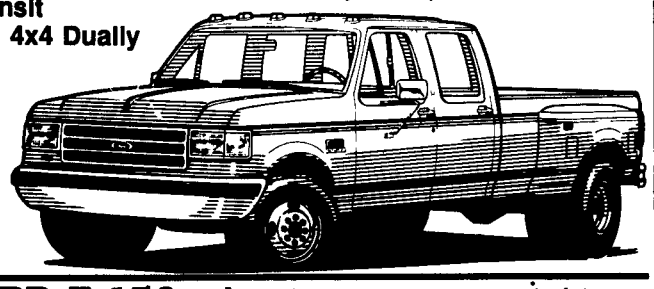

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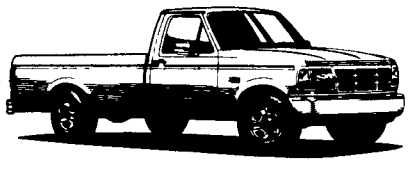

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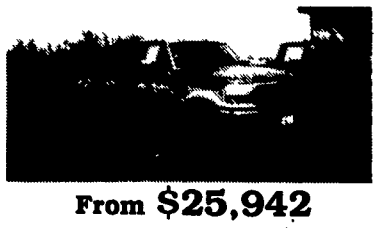

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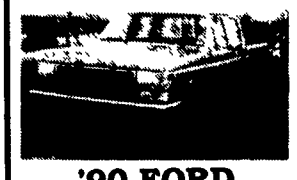

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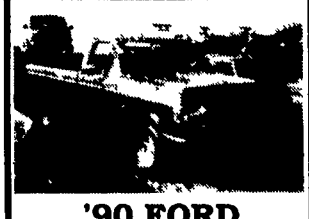

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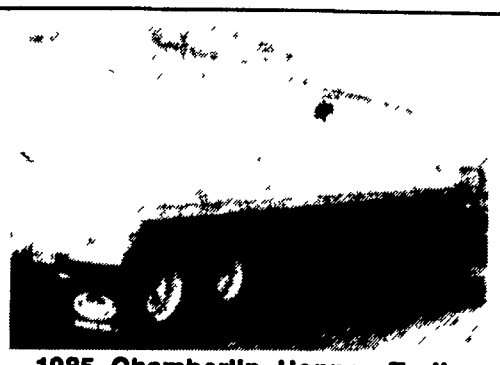

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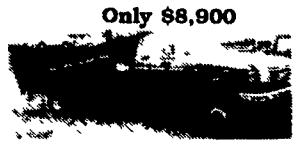

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92 F-350 Diesel- Long Wheel Base, 100 Miles
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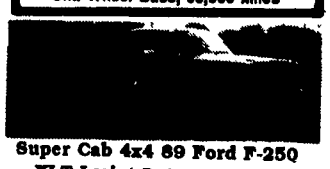

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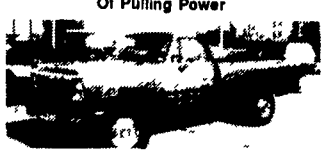
¾ Ton AT, A/C, Vinyl Seat & Floor Mat, 26,000 Miles Real Clean

Diesel Super Cab, 2 Wheel Drive 90 Ford F-250 XLT Lariat
Captain Chairs, 7.3 Diesel, 5 Spd., AC, Tilt, Cruise, Run. Boards, Custom Wheels, Black Finish, A Real Looker

89 Ford F-350 Super Cab Dually Perfect Only 49,000 Miles, 7.3 Diesel, 5 Spd., AC, Dual Tanks, Lots Of Pulling Power



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Ready To Pull, 454 f.i. AT-A/C Silverado, Real Clean

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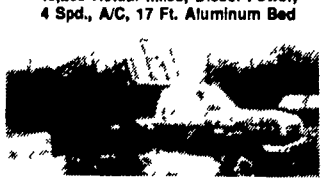
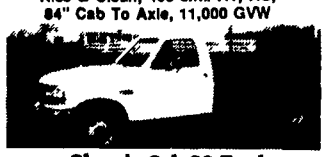
45,200 Actual Miles, Diesel Power, 4 Spd., A/C, 17 Ft. Aluminum Bed



Super Duty Stake Body Dump 90 Ford F-450
7.3 Diesel, 5 Sp, O/D, 23,500 Dual Tanks, 5.13 Rear Axle

Box Truck, Cummins Turbo Diesel 91 Dodge D-350 W O/D, Famous Cummings Diesel, AT, AC, 18,500 GVW, 12 Ft. Box

Chassis Cab, 87 Ford F-350
Nice & Clean, 460 e.f.i. AT, AC, 84" Cab To Axle, 11,000 GVW



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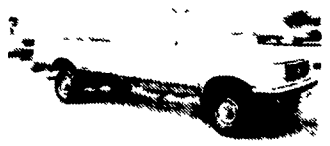

460 4x4 91 Ford F-250 Super Cab XLT Lariat, 460 f.i., AT, AC, Tow Pkg., 29,200 Miles

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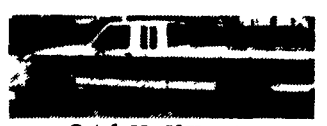
90 Ford F-350 Crew Cab Dually
Diesel Power, Auto, AC



Catch Me If You Can Banks Turbo Charged 89 Ford F-250 Super Cab, 7.3 Diesel, AT, AC, Limited Slip Axle, Gear Vendors Overdrive

Diesel Power 83 Oldsmobile Custom Cruiser
1 Owner, Rebuilt Engine, Runs Great
$1,400

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On the farm or in the city, Eby aluminum flatbed bodies are built for your toughest hauling jobs. Their all-welded construction features 3" aluminum I-beam crossmembers (4" I-beams on bodies 16' and longer) on 12" centers, heavy side rub rail and aluminum diamond floor plate. A full list of options includes slated or solid aluminum sides, tool boxes and tire carrier.

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Shop Reedman Prices 825 New Dodge Chrysler Plymouth Cars & Trucks. American & Imports Revolving Inventory

LINCOLN MERCURY

SHOP REEDMAN PRICES - IN STOCK
30 New - 92/93 C1500 2 WD Pickups
15 New - 92/93 C-2500 & C3500 2 WD P/U s
18 New - 1993 K1500 & K2500 4 WD P/U
23 New - '92/93 Astro Pass Mini Van
10 New - '92/93 Cargo Vans & Sport Vans
12 New - 1993 Lumina APV Mini Pass Vans
3 New - 1993 Geo Trackers
45 New - 1993 S10 Blazers 2 Dr & 4 Dr
20 New - 1993 S-10 Pickups 2 & 4 WD
7 New - 1993 Suburbans

SHOP REEDMAN PRICES - IN STOCK
120 New 1992/93 Oldsmobile Models
22 New - 1993 Corvette Cpes, Convts
100 New - 1993 Lumina Sdns, Cpes, Euros,
25 New - 1993 Beretta Cpes, GT's
90 New - 1993 Cavalier Cpes, Sdns, Z-24 s & Wagons & 92 Cpes
8 New - 1993 Corsicas
40 New - 1993 Caprice, Classic Sdns, Wgns
30 New - 1993 GEO -Prizms, Metros, Storms

1993 Jaguar
Jaguars For Sale Some For Immediate Delivery, Plus Taking Orders. Ask Reedman The Amount They Will Give Off Mfg List Price

SHOP REEDMAN PRICES - IN STOCK
80 New - 1993 Dynastys & Intrepids
25 New - 1993 Stealths
35 New - 1992/93 Spirit Sdns
35 New - 1993 Shadow 2 Dr, 4 Drs
250 New - 1992/93 Voyagers & Caravans
18 New - 1993 Daytonas

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SHOP REEDMAN PRICES - IN STOCK
50 New - 1993 Dakota Pickups 2 WD, 4 WD Regular Cab
18 New - 1993 D&W 150 Pickups 2 WD 4 WD Regular Cab & Club Cab Mdls
8 New - 1993 D&W 250 Pickups 2WD 4 WD Gas & Cummins Turbo Diesels
60 New - 1993 B-150,250,350 Vans, Customized Vans & Wagons

SHOP REEDMAN PRICES - IN STOCK
8 New - 1992/93-Imperials
35 New - 1993 Fifth Avenue
25 New - 1992/93 Lebaron Sdns
25 New - 1992/93 Acclaims Sdns
30 New - 1993 Sundances 2 Drs & 4 Drs
250 New - 1992/93 Voyager & Caravans
20 New - 1992/93 Lasers
30 New - 1993 Colts & Vistas
40 New - 92/93 Lebaron Cpes & Convts
15 New - 1993 Salons & Concordes

SHOP REEDMAN PRICES - IN STOCK
23 New - 1993 Continental Sdns
80 New - 1993 Lincoln Town Cars
75 New - 1993 Cougar Spt Cpes
100 New - 1993 Sable Sedans & Sable Station Wagons
80 New - 1993 Grand Marquis Sdns
35 New - 1993 Topaz Sdns
20 New - 1993 Tracer Sdns, Wgns
5 New - 1993 Capri Convts
35 New - 1993 Villager Mini Vans

CHEVROLET TRUCK HEADQUARTERS
Shop Reedman Prices 550 Chevy Trucks & Cars Revolving Inventory

5.9%
Annual Percentage Rate Financing Thru GMAC Or A Cash Alternative Rebate As Indicated Below In "A To F"

1993 PICKUP HDQS
A $2194 00 # 008
Is $1394 Off MSRP & A $300 Rebate Plus A $500 Fact Equip Pkg Disc New '93 Chevy C1500 Pickup 2 Whl Dr Mdl V6, 5 Spd, AC Vin PE101211 MSRP ★$13,093 Our Price $11,399

B $3978 00 # 077
Is $2428 Off MSRP & A $300 Rebate Plus A $1250 Fact Equip Pkg Disc. New '93 Chev K-1500 Pickup 4 Whl Dr Silverado Mdl W/PEG P1A3 V6 AT AC Vin PE143408 MSRP ★$18,927. Our Price $16,199

1993 S-10 BLAZER HDQS
C $3899 00 # 038
Is $2099 Off MSRP & A $1000 Rebate Plus A $800 Fact Equip Pkg Discount. New '93 Chevy S10 Blazer 4 Whl Dr Tahoe W/PEG CAA2 V8 AT AC Vin P0105020 MSRP ★ $20,486. Our Price $17,399

1993 4 Dr S10 BLAZER HDQS
D $3863 0' # 014
Is $2063 Off MSRP & A $1000 Rebate Plus A $800 Fact Equip Pkg Disc New '93 Chev S-10 Blazer 4 Dr 4 Whl Dr Tahoe Model W/DAA2 Pkg V6 AT AC Vin P2103436 MSRP ★ $20,862 Our Price $17,799

1993 ASTRO PASS MINI VAN HDQS
E $2965 00 # 049
Is $1815 Off MSRP & Includes A $500 Rebate Plus A $650 Fact Equip Pkg Disc New '93 Chev Astro Pass Mini Van 8 Pass Mdl W/PEG ASA2 V6 AT AC Vin PB137318 MSRP ★$17,314 Our Price $14,999

1993 S-10 PICKUP HDQS
F $4062 00 #002
Is $1206 Off MSRP & A $750 Rebate & A $206 Sure Thing Value Program Plus A $1900 Fact Equip Pkg Disc New '93 Chevy S-10 Pickup 2 Whl Dr Tahoe Mdl W/PEG AAA6 V6 5 Spd AC, Vin PB118704 MSRP ★ $11,561 Our Price $9399

1993 4 DR SUBURBAN HDQS
$3064 00 # 024
Is $3064 Off MSRP New '93 Chev C-1500 Suburban 2 Whl Dr Silverado Mdl W/PEG N1A3 & H D. Trailering Pkg V8, AT, AC, Vin PJ318802 MSRP ★$26,263 Our Price $23,199

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1993 CORVETTE HDQS
$8005 00 OFF # 025
Is $5005 Off MSRP & Includes A $3000 Rebate New '93 Corvette 2 Dr Cpe W/PEG #1, V8, AT, AC, Vin P5102022 MSRP $38,304. Our Price $30,299

1993 CORVETTE CONVT HDQS
$9055 00 OFF # 046
Is $6055 Off MSRP & Includes A $3000 Rebate New '93 Corvette Convt W/PEG/1 V8, AT, AC Vin P5104504 MSRP $44,254 Our Price $35,199

5.9%
Annual Percentage Rate Financing Thru GMAC Or A Cash Alternative Rebate As Indicated Below In "A To H"

1992 LUMINA APV MINI VAN HDQS
A $39121 00 OFF # 006
Is $2511 Off MSRP & Includes A $1400 Rebate. New '92 Lumina APV Mini Van W/PEG #1 V6, AT, AC, Vin NT100738 MSRP $22,210 Our Price $19,299

1993 LUMINA HEADQUARTERS
B $3811 00 # 139
Is $1786 Off MSRP & A $750 Rebate & A $575 Sure Thing Value Program Plus A $700 Fact Equip Pkg Disc New '93 Lumina 4 Dr Sdn, W/PEG #2 V6, AT AC, Vin P1115786 MSRP ★$15,400 Our Price $12,289

1993 CORSICA HEADQUARTERS
C $2626 00 # 002
Is $1376 Off MSRP & A $750 Rebate Plus A $500 Fact Equip Pkg Disc. New '93 Corsica LT Sdn 4 Cyl AT AC Vin PY100270 MSRP ★$13,875 Our Price $11,749

1993 GEO STORM HEADQUARTERS
D $2151 00 OFF # 002
Is $1151 Off MSRP & Includes A $1000 Rebate New 93 Geo Storm 2+2 Cpe, 4 Cyl, 5 Spd, AC Vin P7510046 MSRP $13,150 Our Price $10,999

1993 LUMINA Z-34 HDQS
E $3311 00 OFF # 111
Is $2361 Off MSRP & Includes A $750 Rebate Plus A $200 Fact Equip Pkg Disc New '93 Lumina Z-34 Cpe W/PEG/1 V6 AT, AC, Vin P9133590 MSRP $19,510 Our Price $16,399

1993 BERETTA HEADQUARTERS
F $2103 00 OFF # 012
Is $1353 Off MSRP & Includes A $750 Rebate. New '93 Beretta 2 Dr Cpe, 4 Cyl, AT, AC, Vin PY107746 MSRP $13,562. Our Price $11,449

1993 CAPRICE HDQS
G $3319.00 OFF # 011
Is $2319 Off MSRP & Includes A $1000 Rebate. New '93 Caprice, 4 Dr Sdn, V8, AT, AC, Vin PW103944 MSRP $19,118. Our Price $15,799

1993 CAPRICE WGN HEADQUARTERS
H $3924 00 OFF #027
Is $2924 Off MSRP & Includes A $1000 Rebate. New '93 Caprice 4 Dr Wgn, V8, AT, AC, Vin PW110359 MSRP $23,923 Our Price $19,999

1993 CAVALIER HEADQUARTERS
$1108 00 OFF # 094
Is $758 Off MSRP & Includes A $350 Fact Dealer Incentive New 1993 Cavalier VL 2 Dr Cpe 4 Cyl AT AC Vin P7166806 MSRP $10,957. Our Price $9,849

1993 CAVALIER Z-24 HDQS
$1846 00 OFF # 036
Is $1496 Off MSRP & Includes A $350 Fact Dealer Incentive. New '93 Cavalier Z-24 Spt Cpe, V6, AT, AC, Vin P7147669 MSRP $14,895. Our Price $13,049

1993 GEO PRIZM HEADQUARTERS
$723 00 OFF # 018
Is $723 Off MSRP. New '93 Geo Prizm 4 Dr Sdn 4 Cyl, AT, AC, Vin PZ009322 MSRP $12,522. Our Price $11,799

1992 OLDS ACHIEVA HDQS
$3379 00 OFF #104
Is $1679 Off MSRP & A $1700 Rebate New 1992 Olds Achieva S Cpe 4 Cyl, AT, AC Vin NM465152 MSRP $16,228 Our Price $12,849

★Listed MSRP Reflects Savings Resulting From Factory Equipment Package Discount As Explained On Factory Federal Price Label.

2.9%
Annual Percentage Rate Financing Thru Chrysler Credit Or A Cash Alternative Rebate As Indicated Below In A To D

1992 SPIRIT HDQS
A $4340 00 # 013
Is $1860 Off MSRP & A $1505 Rebate Plus A $975 Fact Equip Pkg Disc New '92 Dodge Spirit LE Sdn V6, AT, AC, Vin NF121127 MSRP ★$15,964 Our Price $12,599

1992 SHADOW HDQS
B $3120 00 #044
Is $1220 Off MSRP & A $1000 Rebate Plus A $900 Fact Equip Pkg Disc. New '92 Dodge Shadow Cpe 4 Cyl AT AC Vin NN174789 MSRP ★$11,719 Our Price $9499

1993 DYNASTY HDQS
C $4983 00 OFF #114
Is $1983 Off MSRP & Includes A $3000 Rebate. New '93 Dodge Dynasty 4 Dr Sdn 4 Cyl, AT AC Vin PD124036 MSRP $16,132 Our Price $11,149

1993 DAYTONA HDQS
D $2782 00 # 008
Is $1056 Off MSRP & A $1000 Rebate Plus A $726 Fact Equip Pkg Disc. New '93 Dodge Daytona Spt Cpe 4 Cyl AT, AC Vin PN503226 MSRP ★$13,055 Our Price $10,999

1993 INTREPID HDQS
$2022 00 #026
Is $1846 Off MSRP & A $176 Fact Equip Pkg Disc New '93 Dodge Intrepid 4 Dr Sdn V6 AT AC Vin PH525630 MSRP ★$17,345 Our Price $15,499

"ANNOUNCING '93 MINI-VANS OF 7 FRANCHISED MAKES"

'93 TOWN & COUNTRY HDQS
$3629 00 # 011
Is $2479 Off MSRP & $1150 Rebate. New '93 Chrys Town & Country 7 Pass Van V6 AT AC Vin PX523705 MSRP $26,078 Our Price $22,449

1993 CARAVAN HDQS
$2692 00 #076
Is $1335 Off MSRP & A $500 Rebate Plus A $857 Fact Equip Pkg Disc New '93 Caravan Mini Van 4 Cyl .5 Spd AC Vin PR134246 MSRP ★$14,994 Our Price $13,159

'93 GRAND VOYAGER HDQS
$3842 00 #199
Is $1835 Off MSRP & A $1150 Rebate Plus A $857 Fact Equip Pkg Disc New '93 Ply Grand Voyager 7 Pass Mini Window Van W/Pkg 24E V6, AT AC, Vin PX503135 MSRP ★$18,984 Our Price $15,999

1992 IMPERIAL HDQS
$8367 00 OFF # 029
Is $4367 Off MSRP & Includes A $3500 Rebate. New '92 Chrys Imperial 4 Dr Sdn V6 AT AC Vin ND852673 MSRP $30,366. Our Price $21,999

1992 LEBARON SDN HDQS
$4341 00 # 196
Is $1936 Off MSRP & A $1505 Rebate Plus A $900 Fact Equip Pkg Disc New '92 Chrys Lebaron 4 Dr Sdn V6 AT AC Vin NT332110 MSRP ★$16,590 Our Price $13,149

1993 STEALTH HDQS
$2827 00 OFF # 044
Is $2077 Off MSRP & Includes A $750 Rebate. New '93 Dodge Stealth Spt Cpe V6, AT, AC, Vin PY009793 MSRP $21,726 Our Price $18,899

2.9%
Annual Percentage Rate Financing Thru Chrysler Credit Or A Cash Alternative Rebate As Indicated Below In A To G

1992 LEBARON CONVT HDQS
A $4196 00 OFF # 144
Is $2896 Off MSRP & Includes A $1500 Rebate New 1992 Chrys Lebaron GTC Convt, W/25G Pkg V6, 5 Spd, AC, Vin NF267462 MSRP $21,195 Our Price $16,999

1992 ACCLAIM HEADQUARTERS
B $4168 00 # 167
Is $1563 Off MSRP & A $1505 Rebate Plus A $1100 Fact Equip Pkg Disc. New '92 Ply Acclaim 4 Dr Sdn, V6, AT, AC Vin NF231026 MSRP ★ $14,057 Our Price $10,999

1993 SUNDANCE HEADQUARTERS
C $2200 00 # 009
Is $850 Off MSRP & A $1000 Rebate Plus A $350 Fact Equip Pkg New '93 Ply Sundance 2 Dr Cpe 4 Cyl AT AC Vin PN507317 MSRP ★$11,149 Our Price $9299

1993 5TH AVENUE HDQS
D $6779 00 # 082
Is $2854 Off MSRP & A $3500 Rebate Plus A $425 Fact Equip Pkg Disc. New '93 Chrys 5th Ave Sdn V8 AT AC Vin PD146336 MSRP ★$23,053. Our Price $16,699

1993 NEW YORKER SALON HDQS
E $5901 00 # 059
Is $2501 Off MSRP & A $3000 Rebate Plus A $400 Fact Equip Pkg Disc New '93 Chrys New Yorker Salon 4 Dr Sdn V6, AT AC Vin PD159359 MSRP ★$20,000 Our Price $14,499

1993 LASER HEADQUARTERS
F $1843 00 OFF # 013
Is $1143 Off MSRP & Includes A $700 Rebate. New '93 Ply Laser Spt Cpe, 4 Cyl, AT AC, Vin PE018652 MSRP $14,592 Our Price $12,749

1992 LEBARON CPE HDQS
G $4722 00 # 090
Is $1741 Off MSRP & A $2000 Rebate Plus A $981 Fact Equip Pkg Disc. New '92 Chrys LeBaron Cpe W/26C Pkg V6, AT, AC Vin NT307507 MSRP ★$15,540 Our Price $11,799

1993 MARK VIII HEADQUARTERS
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1993 CONTINENTAL HEADQUARTERS
$7553 00 018
Is $4819 Off MSRP & A $1500 Rebate Plus A $1134 Fact Equip Pkg Disc. New '93 Linc Cont 4 Dr Sdn V6, AT, AC, Vin PY627181 MSRP ★$33,916 Our Price $27,499

1993 TOWN CAR HEADQUARTERS
$6081 OFF # 088
Is $5081 Off MSRP & Includes A $1000 Rebate. New '93 Lincoln Town Car 4 Dr Sdn, V8, AT, AC, Vin PY638628 MSRP $34,780 Our Price $28,699

1993 GRAND MARQUIS HDQS
$4045 OFF # 043
Is $3045 Off MSRP & Includes A $1000 Rebate. New 1993 Grand Marquis Sdn V8, AT, AC Vin PX622116 MSRP $23,044 Our Price $18,999

1993 SABLE HEADQUARTERS
$2910 00 OFF # 504
Is $2410 Off MSRP & Includes A $500 Rebate. New '93 Merc Sable GS 4 Dr Sdn V6, AT, AC, Vin PA600333 MSRP $18,009 Our Price. $15,099

1993 COUGAR HEADQUARTERS
$2092 00 # 524
Is $1579 Off MSRP & A $513 Fact Equip Pkg Disc. New 1993 Merc Cougar XR7 Spt Cpe, V6, AT, AC, Vin PH605113 MSRP ★$16,378 Our Price $14,799

1993 TOPAZ HEADQUARTERS
$2715 00 # 005
Is $1132 Off MSRP & A $500 Rebate Plus A $1083 Factory Equipment Pkg Discount New 1993 Mercury Topaz GS Sdn, 4 Cyl AT, AC, Vin PB600434 MSRP ★$12,181 Our Price $10,549

1993 VILLAGER HEADQUARTERS
$1839 00 OFF # 517
Is $1839 Off MSRP. New 1993 Merc Villager GS Mini Van, V6, AT, AC, Vin PDJ08548 MSRP $18,738 Our Price $16,899

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ANY NEW MODEL, COLOR, EQUIP NOT IN STOCK WE WILL TRY TO FILL YOUR ORDER AS SHIPMENTS ARRIVE OR FACTORY ORDER IT

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1989 INTERNATIONAL S1954
DT466 (210 hp) 5+2, AB, PS, 33,000 GVW, w/18' Scott Silage and Grain Body (Tapered Sides)

1984 INTERNATIONAL S2275
Cab & Chassis, 300 Cummins, 7 spd, Air Brakes, PS, 12 Front, 42 Rear, Double Framed, 154" C-A, **$14,750**
Or Equipped w/18' Scott Silage Body w/2000 Hoist, **$23,500**

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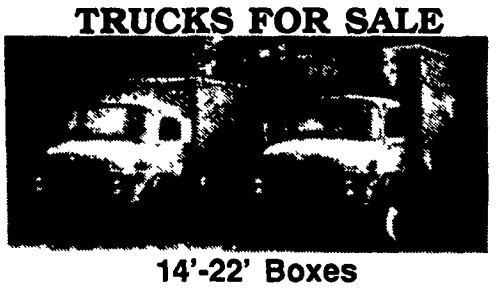

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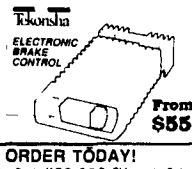
2" **$4.50**
2 5/16 **$8.00**
7" **$22.00**
12" **$36.00**

BOX HITCH **$21.00**

GOOSENECK HIDE-AWAY BOX **$89.95**

UNIVERSAL PINTLE HITCH **$42.00** 16,000 GVW



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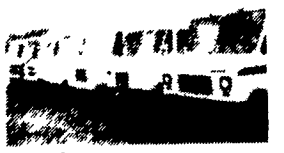

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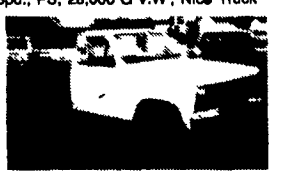
Dumps 84 Int. 1724 V8 5/2 Spd , AB, 46K **80 Int. 1854** DT 466 Dsl 5/2 Spd , HB. Both Tks. in Exc Cond & Ready To Go To Work

1985 Ford LN8000 24' Stake Body With Tuck Away Lift Gate, New 3208 Cat Diesel, 5/2 Spd., PS, 28,000 G V.W , Nice Truck

1986 Ford LN8000 16' Stake Body Dump w/ Bulk Head, 3208 Cat Dsl, 210 HP, 5/2 Spd , 32 000 G V W , AB, 98,000 Original Miles In Excellent Condition



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1986 IHC S1600, 12 Stake Body, 6 9 Dsl , 4 Spd , PS, PB, 17,400 GVW, 46,800 Orig Miles, US Govt Maintained

TWO ACRES OF ALL TYPES USED TRUCKS.
"IF WE DON'T HAVE IT, WE'LL GET IT".

REEDMAN LEASING 1800 CARS-TRUCKS

***All Cars Below Equipped With Auto Trans, Air Cond, PB, PS, & Stereo.**

***'93 New Corvette 2 Dr Cpe $330.00**
Per Month For 36 Months. Closed End Lease Stk #15034 8 Cyl Vin P5100343 MSRP * $37,654 Total Of Mthly Payments $11,880 With $3000 Down

***'93 New Linc Mark VIII $472.15**
Per Month For 24 Months. Closed End Lease. Stock #99516 8 Cyl Vin PY653374 MSRP * $37,230 Total Of Monthly Payments $11,331.60 With $3000 Down 11¢ Per Mile Over 30,000

***'93 New Linc Town Car $369.63**
Per Month For 24 Months. Closed End Lease. Stock #98001 8 Cyl Vin PY602431 MSRP * $34,780 Total Of Monthly Payments $8871.12 With $2800 Down 11¢ Per Mile Over 30,000 Miles

***'93 New Linc Continental $327.00**
Per Month For 24 Months. Closed End Lease. Stock #99004 6 Cyl Vin PY602337 MSRP * $33,918 Total Of Mthly Payments $7848 With $3000 Down 11¢ Per Mile Over 30,000 Miles

***'93 New Chrys NY Salon $199.00**
Per Month For 36 Months. Closed End Lease. Stock #50005 6 Cyl Vin PD102717 MSRP * $20,000 Total Of Mthly Payments $7164. With $1500 Down

***'93 New Dodge Stealth $259**
Per Mth For 48 Months. Closed End Lease. Stk #86008 6 Cyl Vin PY005612 MSRP *$21,726 Total Of Mthly Pymts $12,432 With $1250 Down Total Of 55,000 Mi

***'93 New Merc Grand Marq GS $296.00**
Per Month For 24 Months. Closed End Lease. Stock #91004 8 Cyl Vin PX601241 MSRP * $23,529 Total Of Mthly Payments $7104 With $2500 Down

***'93 New Merc Sable GS $224.68**
Per Month For 24 Months. Closed End Lease. Stock #94501 6 Cyl Vin PA600119 MSRP * $18,140 Total Of Monthly Payments $5392.32 With $1500 Down 11¢ Per Mile Over 30,000 Miles

***'93 New Ply Voyager $193.00**
Per Month For 36 Months. Closed End Lease. Stock #76002 4 Cyl Vin PR107380 MSRP * $15,378 Total Of Monthly Payments $6948 With $1600 Down

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FLASH! If You Still Have Payments On Your Present Leased Car Or Truck We Would Like To Bid On Your Lease For A New Vehicle, Individual Lease, Or Company Leasing.

***'93 New T-10 Blazer 4x4 4 Dr $240.00**
Per Month For 48 Months.Closed End Lease Stk# T-5025 6 Cyl Vin P2105210 MSRP *$20,862 Total Of Mthly Payments $11,520 With $1200 Down Total Of 55,000 Mi

***'93 New Cougar XR7 $247.00**
Per Month For 36 Months. Closed End Lease. Stock #93510 6 Cyl Vin PH602930 MSRP * $16,698 Total Of Mthly Payments $8892. With $1500 Down

***'93 New Chev Lumina 4 Dr Sdn $193.00**
Per Month For 36 Months. Closed End Lease. Stock #35113 6 Cyl Vin P9136717 MSRP * $15,260 Total Of Mthly Payments $6948. With $1000 Down

***'93 New Olds Achieva $199.00**
Per Month For 36 Months. Closed End Lease. Stock #60002 4 Cyl Vin PM000819 MSRP * $15,931 Total Of Monthly Payments $7164.00 With $1400 Down

***'93 New Olds Cutlass Supreme S Cpe $251.00**
Per Month For 36 Months. Closed End Lease. Stock #62017 6 Cyl Vin PD306913 MSRP * $19,320 Total Of Mthly Payments $9036. With $1500 Down

Closed End Leases
First Monthly Payment Plus A Security Deposit Equal To One Monthly Payment Is Required Upon Delivery. Lessee May Have The Option To Purchase The Car At Lease End At A Price To Be Negotiated With The Dealer At Lease Inception. At The End Of The Lease If You Do Not Exercise Your Option To Buy You Will Pay A Mileage Charge Of 10¢ Per Mile For Each Mile In Excess Of 15,000 Miles Per Year Plus The Costs Of Any Excess Wear Or Tear.'

*** Price Includes All Cost To Be Paid By A Consumer, Except For Licensing Costs, Registration Fees & Taxes.**

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18 Pass., Extra High Top, Front & Rear Air & Heat, Frederick Owned, Only 535 Miles.

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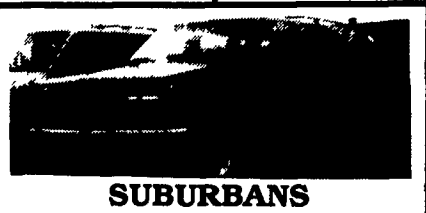

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2 WD & 4 WD Available

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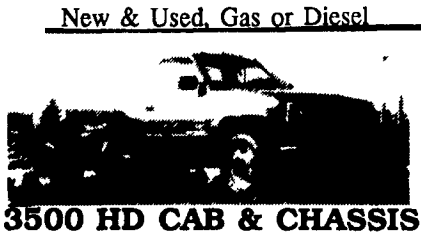
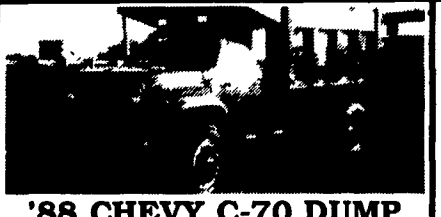
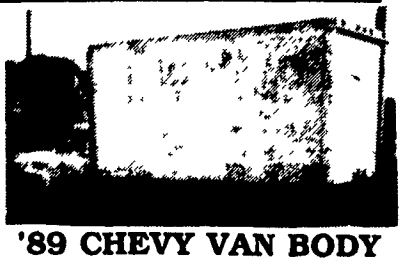
9 New & Used To Choose From!



3500 HD CAB & CHASSIS
6.5 L Turbo, Heavy Duty, 15,000 GVW



'88 CHEVY C-70 DUMP
V8, 5 Spd., Low Miles



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$7,000
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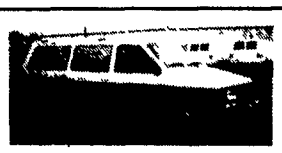
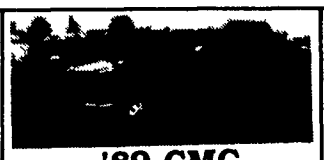


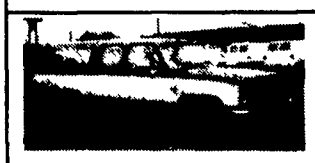
'90 PLYMOUTH VOYAGER
V6, AT, AC #7193
Waxs $14,995
NOW **$12,750**



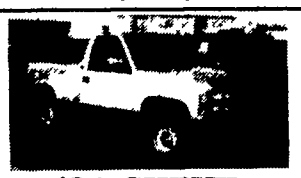
'89 GMC CREWCAB DUALLY
454, AT, AC, Buckets, Trailer Pkg. #7192
Was $14,995
NOW **$10,800**

'89 GMC 4x4 PICKUP
Sierra Classic, 350, AT, AC, Runs Great, #7134
Was $10,995
NOW **$8,850**

'87 CHEVY S-10 PICKUP
V6, AT, AC, Tahoe, #7237
Was $8,995
NOW **$7,150**



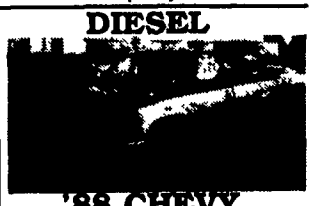
'84 CHEVY SUBURBAN
Silverado, 350, AT, AC, 9 Pass., PW, PL, Trailer Pkg. #7178
Was $7,900
NOW **$5,300**



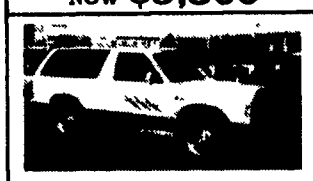
'91 CHEVY SPORTSIDE 4x4
350, 5 Spd, AC, Low Mi., Super Clean, #7120
Was $14,995
NOW **$13,100**

'91 GMC SUBURBAN 4X4
Sierra Classic, 350, AT, Front & Rear Air, Rear Heat, Trailer Pkg., Like New 17,000 Mi. #7116
Was $23,900
NOW $19,900

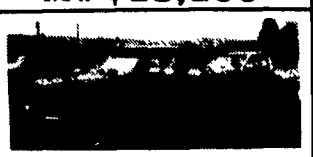
DIESEL



'88 CHEVY ¾ TON
Silverado, AT, AC, Cruise, Tilt, Loaded #7165
Was $13,995
NOW **$12,150**



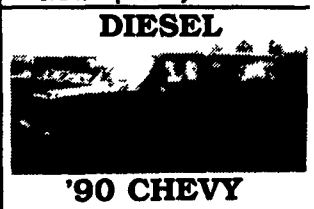
'86 CHEVY S-10 BLAZER
V6, 5 Spd., AC, Custom Wheels #7166
Was $8,995
NOW **$6,750**



'85 CHEVY 4x4 PICKUP
Silverado, Short Bed, V8, AT, AC, Loaded, #7228
Was $8,495
NOW **$7,150**

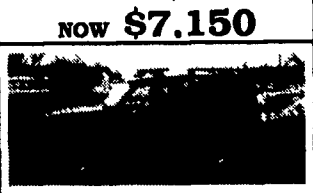
'92 GMC 1 TON EXTENDED CARGO VAN
350, AT, AC, PL, Cruise, Tilt, #7206
Was $19,300
NOW **$13,900**

DIESEL



'90 CHEVY K-BLAZER 4x4
AT, AC, Cruise, Tilt, Loaded, #7184
Was $18,100
WAS **$16,100**

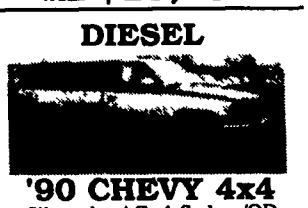
'93 GMC CREW CAB 4x4
454, AT, AC, Dual Wheels, Trailer Pkg. #1415
Was $29,374
NOW **$27,844**



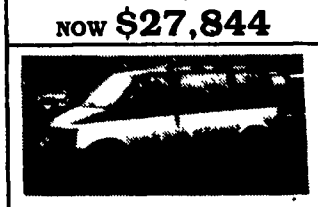
'84 FORD BRONCO II 4x4
V6, AT, Real Nice #7220
Was $5,495
NOW **$4,450**

'85 FORD F-150
V6, 5 Spd., Great Work Truck, #7240
Was $4,995
NOW **$3,500**

DIESEL

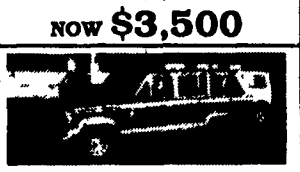


'90 CHEVY 4x4
Silverado, AC, 4 Spd. w/OD, Loaded, All The Toys, 22,000 Mi., #7251
(File Photo)
Was $16,995
NOW **$14,800**

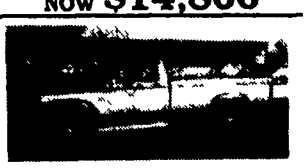


'90 GMC SAFARI
7 Passenger, V6, AT, AC, Sharp, #7225
Was $14,995
NOW **$12,500**

'89 GMC 1 TON 4x4
454 V8, AT, Fiberglass Cap, #7155
Was $10,995
NOW **$9,750**



'89 JEEP GRAND WAGONEER
All The Toys, V8, AT, AC, 19,000 Mi., #7164
Was $14,995
NOW **$11,700**



'86 FORD F-250 4x4
HD, V-8, AT, Ready To Go, #7246
Was $8,995
NOW **$7,250**

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1000-1500 acres of very productive farm land. Area grows hay, grains, potatoes, sugar beets Located in beautiful Magic Valley, close to hunting, fishing and skiing All flat Irrigated by pivots except 200 acres 16 miles south Burley, Idaho. Would make ideal dairy farm (208)862-3629

152 Acre Cumberland County Dairy, 110 tillable. 40 tie stalls, 25 free stalls, 16x60 silo with unloader and feeder, 12x40 silo, new Boumatic pipe, 5 milkers with milk sentry, new 36x64 machine shed Beautiful remodeled 4 bedroom, 1½ baths farmhouse with balcony, $325,000 717/776-6452.

Big 5 bedroom home, 1¾ bath, office with 40'x75' two story three bay work garage, $73,900. Union Co. 717/966-9512.

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Commercial bldg. for sale: 5,000 square feet, well, septic, low taxes, very nice condition. Currently houses an antique co-op. Located on main highway in Bradford County, PA. Only $65,000. Call Henry Dunn Real Estate, (717)673-5525 and ask for Jody Martin

DAIRY FARMS NEAR LAKE MICHIGAN, 295 Acres, 80 Free Stalls, Double 4 Parlor, 4 Silos, Slurry Store. 753 Acres, 140 Free Stalls, Double 6 Parlor, 6 Silos, Liquid Manure These Farms are 2 Miles Apart, Each Has Automatic Feed Room/Wayer Mixer, Functional and Attractive. $800/Acre. HBO Realty 1-800-825-8589.

FARMS WANTED: Are you planning on buying, relocating or selling your farm or land(s)? Give the experienced people at HEYWORTH REALTY a call. We are QUALIFIED AND EXPERIENCED in farm/land sales and have all types of farms for sale. For information Call or Write: Lawrence Stouffer, HEYWORTH REALTY, 1300B Dual Highway, Hagerstown, MD 21740. 301-733-3701 Office; 717-597-2584 Eves.

Farmette 15½ A, 2-story, 4BR house w/attached summer house, house and summer house permastone sided, kitchen ceramic tile, 3-car garage, 3 additional buildings, 1300' road frontage, satellite TV system, $195,000. Lebanon 717-866-7214.

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Indiana County General Farm 122 Acres 6Room Stone House Free Gas. Pond, Barn, Machine Storage Building, Heated Shop More Acreage Barns and Machinery Available. 412-254-4250

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Large parcels of excellent farm land both irrigated and non-irrigated. Miles of road frontage for development. Excellent for vegetables. No owner financing. Prospects must show ability to buy and have bank references. Contact George H. Chabbott, CCIM. THE PRUDENTIAL HUFNAL-BUCKLAND REALTY Commercial Division. 302-678-3276.

Northumberland, PA, Northumberland County, 46 acre farm, farmhouse, bank barn, poultry buildings, fully equipted, zoned highway commercial 850 ft. road frontage along Rt. 147. May be divided into 2 parcels: (1) 6.25A with house, barn, 490x30' poultry building, and (1) 38.25 acre and 1-450x40' poultry building, 1-250x40 and 1-425x30 poultry buildings PRICED TO SELL! (717)473-8257.

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Snyder County: 80 acres, 30 tillable, 2½ story home, small barn, pond, $159,900. 10 acres, ranch home, and 40x80 metal building, 6 years old, $155,000. Integrity Real Estate, (717)966-3851

SW Florida lakefront home $120,000 We would consider trade or partial trade for farm or land. (215)837-6454.

Time Share in the Poconos, PA. Floating time, $2000. Time share at Daytona Beach, during bike week, prime time, $5000. 717-374-9141.

WANTED: Dairy farm around 150 Acres, must be set up for dairy. Write: R-65, %Lancaster Farming, POB 609, Ephrata, PA 17522.

WANTED TO BUY: Dairy farm for 40-50 cows w/10-20 acres m/l 100-200 acres to rent or lease from North Central to Eastern PA. Cash buyer. G-106, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522.

WESTERN MARYLAND 187 acre operating dairy farm House, 3 barns and machine shop. Convenient location Lots of road frontage. Owner willing to sell smaller parcels. For more information, call Gail at (800)296-1994. CENTURY 21, Country Squire Realty.

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DAUPHIN COUNTY
91 Acre Amish Dairy Farm 40x120 Barn w/43 Stanchions, Manure Pit and 16x70 Silo, Horse Barn, Heifer Shed, Large Farmhouse Plus Tenant House
GIDEON D. LAPP
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780 Acres (possibly 1100 acres) farm house 1 (1) mile frontage on 2 sides, 742 (1043) acres tillable, 605 (1039) corn base, 111 bu yield, (142 irrigated) Excellent soils, drainage, and maintenance. Cash rents $100 00/acre other farms available.
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STONE FREE RIVER BOTTOM land: 400 acres on Unadilla River, ideal for vegetables, 210 acres tillable. Barn has 102 free stalls, double 8 parlor, hospital area, large manure pit. Impressive 6 bedroom home with new steam heat, natural woodwork and cozy fireplace. 2nd home available. JUST LISTED! $375,000.
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FAX: 875-6749
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125 +/- acres, large hunting cabin, large barn, state stock stream AAA. Mobile home. Plenty of timber.
$225,000
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13 Ac. partly wooded lot, stream, hunting/building site, 1000' along Rt 225, 40 miles north of Harrisburg **$12,500.**
HOG FARM 500 capacity, all equipment included. 4 BR house, barn, concrete manure pit, 30,000 bu. grain bins 5 to 80 acres available Snyder Co **$115,000.**

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Results speak for themselves.
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Bellefonte (814) 355-8500
State College (814) 231-8540
John Petuck — Broker

LAND FOR SALE BY OWNER
DANVILLE, VA. AREA
5 Acre To 900 Acre Tracts
Farmland, Commercial, Residential
Financing Can Be Arranged
804/793-1392 Or
804/836-2611

SCHUYLKILL COUNTY, PA
Approx. 170 Acre Nursery and Christmas Tree Farm. Turn-Key Operation-Complete. Since 1946. Quality known nationwide
717/345-4952

MOUNTAIN LAND FOR SALE
735 Acres, Secluded And Level, Bordered On 2 Sides By 18,000 Acres Of State Game Land. Electric On Property. Located In Centre County, Pa., Between Snowshoe And Pine Glenn. Property Is Not Subdivided. No Timber.
Call
(814) 625-2617
Between 8:00-9:00 A.M. Or After 5:00 P.M.

FARM FOR SALE (Northumberland Co.)
170 Ac = Approx. 90 Tillable, 70 Woodland
Unique 1850's restored brick 2-story farmhouse, oil fired W.A. Ht., central AC, 4 BR, formal DR, LR, new cherry shaker kitchen, alt. ht. source, coal stove in LR; restorable summer house, 2-car garage, block barn (10,000 sq. ft) new 1985.
Phone: 717-538-2879
"No Realtors"
Asking $335,000
"Serious Inquiries Only"

NEW LISTING: BEDFORD CO.
194 Acres, free stall dairy farm, presently operating with 100 cows, 3 big silos, priced to sell quickly, CALL FOR DETAILS.

NEW LISTING: LANC. CO.
27.5 Acres (m/l) Farmette, Rapho Twp., 18 T.A., 8 pasture & pond, 2 story 4 BR frame dwelling, gas heat, pole barn set up for beef or horses, rolling terrain, many possibilities!!!
Call Daryl Bollinger For Details 626-9512

YORK COUNTY
Near ski round top, total 180 contiguious acres. Beef operation/ 4 sets of farm buildings on 4 deeds.
#1 - 24 acres - frame house and bank barn
#2 - 82 acres - 44x104 equipment shed attached to bank barn, beautiful 2½ story stone house
#3 - 52 acres - frame house, 6 car garage
#4 - 19 acres - 2464 sq. ft. rancher with 3 fireplaces, 6 stall stone horse barn with 1632 sq. ft. apartment above. Call for details/video.

New Bloomfield Area - Perry County
75 Acre General Farm or 21 Acre Farmette (will divide). Limestone soils w/farm pond. Beautiful rural setting - possible bed and breakfast. 4 Bedroom stone dwelling w/2 bedroom guest house. Inclues 4 fireplaces and deep window sills. Bank barn and implement shed - Centre Twp.
Listing Agent: Daryl Bollinger (717) 626-9512

LANCASTER COUNTY FARMS FOR SALE
#1 10 Acre Horse Farm w/12 stall modern barn and other outbuildings - 5 bedroom farmhouse, 2½ baths.
#2 120 Ac. dairy farm - nice southern exposure, 5 silos, heifer barn, 46x100 equipment shed, room for 80 cows. **LARGE PRICE REDUCTION FOR QUICK SALE.**
#3 305 Ac. estate - This is a most unusual property!! A stately old stone house. Very good income from a 300 sow farrow-thru-finish hog operation. Includes complete feed mill w/60,000 bushel grain storage, etc, etc.
Call for details and video.

Season's Greetings
"Wise men still seek him"
MAHLON OBERHOLTZER AGENCY
Your Central PA Farm Broker
Smoketown, PA 17576 (Lanc Co.)
717-392-1177

FAMILY OPERATED ORCHARD OPERATION - NORTH EASTERN JUNIATA COUNTY - 45 MILES NORTH OF HARRISBURG, PA

Total of 303 Acres. Consists of Two (2) Farms, 110 Acres Fruit Trees, Apples-Peaches-Pears-Plums-Nectarines-Cherries. Cold storage building - packing House - Machinery Storage Sheds - Plastic & Hoop Green Houses - Work Shop - Three (3) Dwellings - Full Line Of Fruit Handling Equipment - Full Line Of Orchard Equipment & Machinery.

Owners State Get Offers, Must Sell Quick, Offering Either Farm Separate With Or Without Either Of Dwellings With Or Without Machinery & Equipment.

For Complete Details, Contact
LARRY LONG REAL ESTATE
717-527-4784
Call Anytime

ADAMS COUNTY, PA

Approx. 68 acres of tillable farm land. Tiled; Gently Rolling, Air Strip Potential. Between Harney, Md and Gettysburg, Pa.
$182,000
717-334-8556

NORTHERN MICHIGAN

400 Acre Dairy Farm, 380 tillable, 70 cow 3 stall barn, double 4 herringbone parlor w/3" low lying automatic take-off, (2) 20x50 cement silos, (1) 20x50 Harvestore, 40x80 machine shed, modern 28x40 shop. 60 Milking cows and 60 heifers. Complete line of machinery. 3 homes w/garages. Selling for health reasons. Mennonite church 3½ miles away. $400,000.
906/632-3038

TO BUY OR SELL FARMS In Eastern Pennsylvania HERSHEY FARM AGENCY, INC.

Thomas Hershey, Realtor Associate
Hiram Hershey, Realtor/Broker
1-800-346-0505 (PA only)
215-287-8888

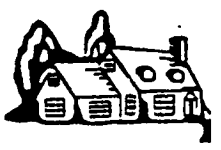
SOME CURRENT LISTINGS

- **170 acre dairy farm, 60 tie stalls, 4 silos, young cattle, housing, implement storage and 3 attractive homes.**
- **132 acre general farm, limestone soil, 19th century stone house w/100 yd. set back.**
- **95 acre secluded farm w/creek frontage, ideal for horses, cattle or hogs.**
- **89 acre dairy farm w/60 tie stalls, 4 silos w/ unloaders, pipeline and plush 2-story 4 BR, 2½ bath brick house.**

Call John Niesley for consultation
(717) 531-2807
MOYER COMMERCIAL
Div. of Moyer Realty Assoc., Inc.
261 W. Chocolate Ave., Hershey, PA 17033
(717) 534-1991

DEMEREE REALTY

Rte. 3 Box 91H
Little Falls, NY 13365
Phone & Fax (315) 823-0288



George Demeree, Broker

#108-250 ACRE DAIRY FARM w/200 tillable-gentle rolling productive land. 110 cow free stall barn is double-six parlor & drive thru feed bunk 100x30 ft. bunk silo. Attractive ranch-style home. Reasonably priced **$299,000.**

#128-244 ACRE HOBBY FARM mostly tillable - 10 acres wooded, good 2 story barn & 10 room house - 3 stall garage w/concrete floor - 2 wells & 3 ponds - property has pretty views of Mohawk Valley - ideal for horses, beef or sheep - very reasonably priced at **$160,000.**

#161-301 ACRE DAIRY FARM w/100 tillable - 36x156 ft. cow barn w/68 tie stalls, 2" pipeline & 1500 gal. bulk tank - also 40x78 ft. heifer barn for 70 head & 24x30 ft. calf barn, 36x50 ft. machinery shed, 20x12 ft. mix mill/ shop complex - 18x60 ft. concrete silo w/unloader & 20x55 ft. Harvestore w/unloader - dairy set up for TMR - also good 8 room, 4 B.R., 2 bath, remodeled home - an excellent value at **$260,000.**

#312-125 ACRE FARM with 100 tillable - good 11 room house - 100x40 ft. tie stall barn for 52 cows plus box stall & 45x30 ft. addition for 20 heifers - lots of water with 2 ponds & 3 wells - plenty of machinery storage plus 2 silos - affordable at **$138,500.**

#802-289 ACRES WITH 50 TILLABLE the perfect hobby farm or retirement property - lots of privacy & gorgeous views - located in the foot hills of the Catskills - perfect for the discerning buyer who wants the best of everything in country living - beautifully restored 10 room home with early American flair - stone hearth, hardwood floors & oak kitchen - also 1 acre pond for swimming is stocked w/trout for fishing - 125 x 55 ft. 2-story barn for horses or cattle & 2 car garage. A great value at **$600,000.**

JUNIATA COUNTY FARMETTE - 60 MILES WEST OF HARRISBURG, PA

5 miles cleared level land, 1½ story 3 bedroom dwelling, 2 car cement block garage/work shop, 35x80 2 story cement block poultry house, other buildings for poultry, cattle or swine.
Needs some T/L/C.
$79,500
Contact
LARRY LONG REAL ESTATE
717-527-4784

NORTH CENTRAL PA 6+ acres mostly open land with drilled well, 2 septic systems, exc. location just minutes from Wellsboro, owner says sell, asking $44,500 #1234.

71 Acres exc. hunting, southern exposure, open & wooded land, views, asking $61,000 #1220.

Newer 2 sty. home on 2 acres, 3 bdrms, 2 baths, lr, dr, kit, fmly rm, full bsmt, det. 2 car garage + large 36x75 pole barn, asking $108,900. #1211

3 bdrm home on 10+ acres in country setting, borders State Land, small barn for storage, only $68,900 #1221.

Koch
REAL ESTATE AND INSURANCE
9 Cone Street
Wellsboro, PA 16901
717-724-3500

So. Northumberland Co. & Surrounding Counties

5 acres, 3 bedroom home, extra large bank barn. Also large machine shed or horse barn. Possible Rent Option.

10 acres, 3 bedroom home, pond & stream. No Down, Possible Rent Option. 47, 100 or 145 acres adjoins this property.

145 acres, no buildings, woods, farmland & streams. Can be divided. $1,100/acre. Owner Financing Available. Make offer.

300 steer feedlot, 3 Harvestores, 8 acres newly fenced. Owner financing. $77,000 Reduced $59,000. Owner wants to sell - make offer.

100 acres, 60 tillable, 25 pasture, balance wooded, streams, no buildings. No Down or Rent Option. $140,000.

47 acres, mostly clear farm land, stream thru, excellent for Christmas trees. No Down or Rent Option. $69,000.

18 acre wooded lot, road frontage. $29,000. No Down.

Amish area, 150 acres, 8 bedroom home. Pasture w/ stream. Possible owner financing.

PETER B. **CORTELYOU**
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177

LEBANON COUNTY

1 mile east of Richland. Choice limestone farm, level land and in high state cultivation. Large barn and special farm house with deck, swimming pool and screened-in sun room. 112 acres. Will consider trade. ML81785.

Call Mr. Denlinger at
KINGSWAY REALTY
(717) 569-8701

BLAIR COUNTY

TYRONE AREA - 171 WOODED ACRES fronting two township roads, small stream, possible owner financing Reduced to $85,900

BEDFORD COUNTY

HOPEWELL TOWNSHIP - 100-acre FARM with dairy facilities, 2 dwellings, large new implement shed (50'x132'), stream frontage Can be divided $325,000.

CENTRE COUNTY

REBERSBURG - Two (2) adjoining 10-ACRE WOODED PARCELS, excellent hunting, one parcel has 10x35 mobile home with electric Priced at $22,000 and $24,500

WARRIORS MARK - 184-acre DAIRY FARM with 2 houses, 87 free stalls, 2 garages, 2 implement sheds, 2 Harvestores, 2 concrete silos, pond $465,000 SOLD

PORT MATILDA AREA - [illegible] WOODED ACRES with 14'x60' mobile home Good hunting! Perfect getaway! $23,900 SOLD

POE MOUNTAIN - 13 WOODED ACRES, good hunting. $23,100

PENNS VALLEY - WOODED LOTS NEAR Poe Valley State Park, underground utilities 5-acre lot priced at $35,000 13-acre lot reduced to $69,000

SNOW SHOE AREA - 129± WOODED ACRES with stream, adjoins Sproul State Forest $49,500

SNOW SHOE AREA - 102± WOODED ACRES with stream, good hunting, adjoins Sproul State Forest $39,500

LEMONT AREA (Base Of Mt. Nittany) - Only 3 remaining 10-ACRE LOTS, horses allowed, State College Area School District, great view, underground utilities Prices start at $99,000

JULIAN PIKE - 24± ACRES, wooded and open $133,800

ROUTE 322, TUSSEYVILLE AREA - 70 acres of excellent TILLABLE LAND Possible owner financing.

HUNTINGDON COUNTY

24± WOODED ACRES with Laurel Run (stream) frontage, 15 miles from State College, great recreation area. $69,900.

WARRIORS MARK AREA - Four (4) LOTS (5+ acres to 6 5+ acres), all open, great view, approximately 20 miles from State College $33,000 to $37,500

WARRIORS MARK AREA - 31± acre FARMETTE with 3-bedroom farmhouse, 2 barns, silo, feed bunk Reduced to $136,500

OTHER LAND PARCELS AVAILABLE.
CALL OR WRITE FOR A FREE LIST.
WANTED: Rural land and farms. Have buyers, will list.

Farm and Land Division
Fred Strouse (814) 234-4000
Scott Yocum (814) 466-3150
Terry Gingher (814) 466-2118

KISSINGER LEONARD & BROWER Realtors

245 South Allen Street
State College, PA 16801
1-800-876-3395
(814) 234-4000

The Professionals in Farm Real Estate Service

3 BR RANCH ON 45 AC has it all panoramic view, woods, stream, privacy & quality 1600' road frontage Also small cottage $127,500 W-875

LINCOLN LOG HOME is a customized beauty, nestled on 142 acres bordering St lands 4 Bdrm 1 bath & full den! QUALITY HOME!! $216,500 W-904

ERA
ERA Homestead Realty
23 East Ave.
Wellsboro, PA 16901
800-879-1590

GENTLEMAN'S FARM! Beautiful 20 ac farm w/1 yr old custom home & fabulous views of lake. 4BR, 2 full & 2½ baths, custom kit, library & much much more! $135,000 M-594.

CLOSE TO PERFECTION describes this cedar sided, 2 story home, with dbl decks 38 Wooded & open Ac. Totally private w/views! $169,500 M-617

ERA
ERA Homestead Realty
1 N. Main St.
Mansfield, PA 16933
800-688-2220

BEDFORD COUNTY FARM FOR SALE

2 Connecting Farms, Mennonite Area, Along Hard Road. Acres On Farm #1- 278, Farm #2- 147. 2 Homes, 4 Barns, 3 New Large Silo And Feeder Systems, Excellent Condition. All New Electrified Fencing. All Buildings In A-1 Perfect Condition. Plenty Of Pasture And Tillable Ground. Streams Run Through Pastures. No Real Estate Agencies Please. Appraised Price **$900,000,** Price Negotiable.
Call Mon.-Fri., 9-4
Must See To Appreciate
1-800-28-ANGUS

Martin H. Fields Real Estate

MIFFLIN COUNTY OFFICE
101 N. Wayne St.
Lewistown, PA 17044
Call (717) 248-5451
Fax (717) 248-3904

We Act As Locators For Farms and Land

MIFFLIN COUNTY DAIRY FARMS
104 Ac, 35 tie stalls, pipeline, 3 silos, 3 BR house
151 Ac, 34 tie stalls, pipeline, 2 silos, 4 BR & 3 BR house

HUNTINGDON COUNTY DAIRY FARMS
219 Ac, 57 stanchions, pipeline, 3 silos, 4 BR House
277 Ac, 60 tie stalls, pipeline, 2 silos, 5 BR house
188 Ac. (450 ac. available to lease) free stall barns, double six parlor, 4 silos, 2 houses and mobile home.

All the dairy farms are good to excellent and have additional buildings.

DALLAS WILL, GRI
FARM SPECIALIST
Home (717) 543-5685

RACHAEL PORT
Home (814) 669-4194

Serving Central Pa. with Brokerage and Appraising - 6 Offices

Snyder & Juniata Co. Line
Beautiful farmette, 14 acre with 20 more acres available. Priced at $119,500 or $160,000.

Lanc. Co.
39 Acres in Conoy Twp. 24 tillable, bal. wooded, $165,000.

Northumberland Co.
147 Acres, 130 tillable, edom soil. Frame house and barn $425,000.

I need farms in the Amish areas of Dauphin, Perry, Lycoming and Northumberland Counties.

Call Harry Zimmerman
Office: 717-299-4885
1-800-472-2641
Car: 717-575-2542
TOWN & COUNTRY REALTY

New York - Finger Lakes

1) Farmette - 80 acres, excellent outbuildings, heated shop, 2 greenhouses, large brick home $130,000.

2) Dairy - 275 high yield acres - 80 acres alfalfa, 60 free stalls, 30 tie stalls, 3 silos, double 4 parlor, two family home.

3) New Listing - Dandy 80 cow free stall, 425 acres, 3 homes, excellent soils.

4) 80 level acres - barns, silo, no home $890/acre.

5) 165 acres land only $600/acre

6) Dairy 90 tie stalls - 330 acres, 5 silos, class I soils, beautiful home.

7) 208 acre hog farm

8) 240 acres overlooking Cayuya Lake.

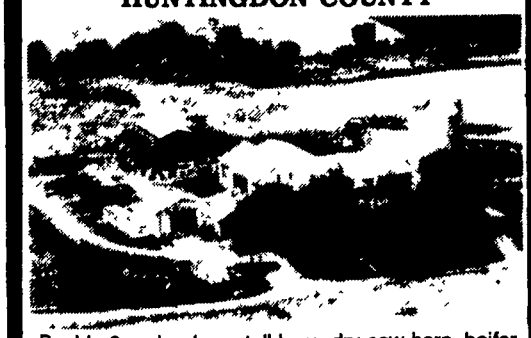
WJW Real Estate
Alfred/Beverly Farney, Broker/Sales Associate
Seneca Falls, N.Y. 13148
315-568-5910 / 568-9534

FROM ALL OF US TO ALL OUR FRIENDS HAVE A SAFE AND PROSPEROUS NEW YEAR

Charles Wenger, GRI, 263-0945
Wilbert Diehl 776-7707

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

LARGE DAIRY FARM - HUNTINGDON COUNTY



Double 6 parlor, free stall barn, dry cow barn, heifer barn and calf facility. 3 silos, manure lagoon, computerized feeder, 2 houses and mobile home. 600 acre operation (188 acres owned plus 425 acres leased land) Level to slightly rolling and 80% prime soils. An excellent farm for multi-family or the large operator. Owner says sell this fall-will do some financing.

Marlin H. Fields Real Estate
101 North Wayne Street
Lewistown, Mifflin Co., Pa.
Office 717-248-5451
Dallas Will, GRI, Farm Specialist
Home 717-543-5685
Rachel Port Home 814-669-4194

YORK COUNTY -Magnificent 220 acre farm north of York with 2 restored brick farm homes, 2 barns, 40x90 building, numerous other outbuildings, pond & more. Possible dairy or horse operation.

Call 1-800-735-3253
CENTURY 21 Dale Realty Co.

Rees
COLONIAL CHARM, situated on 60 acres +/- in Mifflinburg area. This magnificent 2 story brick colonial features a fully equipped kitchen with Jenn-Aire range, and a new gas wall oven, 3 bedrooms, fireplace with woodburner insert in the large living room, formal dining room, and a cozy study with bookshelves from floor to ceiling. The land has some tillable acreage, fruit trees, a huge barn, and satellite dish. Immaculate condition and ready for your family.

Beaver
CALLING ALL FARMERS... A four bedroom 2-story home awaits you on 100 acres of great farmland in Turbot Twp. 72 of these acres are tillable and not in the flood zone. Many generations have been raised on this farm and now the opportunity awaits your family.

Bowersox
SURROUND YOURSELF IN HISTORY and rolling countryside! 2 story brick home dating back to the 1850's, has 4 bedrooms, 1½ baths, fireplace in dining room 189 acres of which 169 are tillable, bank barn, implement shed, and 5,000 sq. ft of combined total road frontage.

Century 21

Mertz & Associates, Inc.
1817 West Market Street, Route #45
Lewisburg, Pennsylvania 17837
Business (717) 524-2120
Fax (717) 524-9765

HABBEN FARM

LOCATION: Section 30 & 31 Genesee Township & Section 25 & 26 Clyde Township, Whiteside County, Ill. Approximately five miles Southwest of Coleta, Ill.

ASCS INFORMATION:
Total Acres: 171
Corn Base: 100%
Tillable Acres: 135
Yield: 111 Bu/Acre

IMPROVEMENTS: Ranch style house, full basement, approximately 20 years old 16/50 silo, Van Dale unloader, cattle shed, machine shed with lean-to extension, also, shed on West side of Yorktown Road property. Farm has 40 acres of wheat seeded on it and is chiseled and fertilized for next crop season.

PRICE: $1350 per acre for a total of $230,850.

FOSSLER REALTY, INC.
Call Phil
815-946-2113
Evenings Are Best

SANFORD G. LEAMAN, REALTOR
1000 N. Prince St.
Lancaster, Pennsylvania 17603-2736
(717) 393-2437 or 1 (800) 836-8113

LANCASTER COUNTY 45 or 60 acre farm in Manheim area with like new barn, old log house needing restoration plus a modular home, stream, woods, great horse or Amish farm Call Sanford Leaman for price and location

ADAMS COUNTY Littleton area, Amish farm, great for horses, 130 acres, priced under $400,000 2 homes, hog barn, dairy barn, a great buy! Call Sanford Leaman for details.

LYCOMING COUNTY NEW LISTING This turn of the century home with large bank barn is ideal for your fine antiques or have a bed & breakfast unit in an area of peace and tranquility The unique woodwork and room sizes make this one of the most spectacular properties I've ever listed It is also ideal for just prestigious country living Priced @ $275,000 00 with 10 acres m/l & pond

NORTHUMBERLAND COUNTY 97 acres grain farm with house, barn, and implement shed with small pond. This is a good place to establish a hog or most any special farm operation, however you could purchase the neighboring land of 268 acres and make a great family farming operation CALL SANDY FOR ALL THE INFORMATION ON THIS ONE

TIOGA COUNTY. NEW LISTING 204 acre DAIRY farm with 130 acres of good tillable farmland. 2 silos, 50 stall tie barn, inground swim. pool and much, much more. Be the first to see this one and BUY IT TODAY. It won't last long on todays market Priced At $235,000 00.

CHESTER COUNTY This 153 Acre Farm is Ideal for Horses but is presently a dairy farm with 50 stanchions and 50-60 loose housing stables, There are 2 living quarters, lot's of road frontage in an area of other large horse farms and close to race tracks. Approx. 6 miles East of Oxford but only 2 miles from Maryland. Call Sandy Leaman for confidential information.

Call Sandy Leaman to List Your Farm. We Have Many Buyers Waiting For Just The Right Place and Yours May Fit The Bill.

WANTED: in the state of NY, farm that will carry a 300 cow/calf beef operation. Please call Larry, 8am to 8pm 718/851-0288.

WANTED TO BUY 150-300 Acre Track of Farm Land. Dauphin, Cumberland, Lancaster, Juniata, Lebanon, York, and Perry County. 717-761-4646

---

63 ACRE FARM with subdivision possibilities Large 5 bedroom, 2 bath farmhouse with family room PLUS barn, summer house, implement shed & more East #207835.

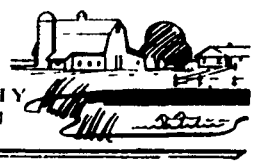
Call CENTURY 21 Dale Realty Co.
1 (800) 735-3253

HERITAGE REALTY GROUP INC MLS
1525 Science St., State College, PA 16801
814-231-0101

"FULL TIME, FULL SERVICE, EXPERIENCED."

Contact: DON C. MYERS
Residence: (814) 422-8111
KENNETH L. HALL
Residence: (814) 387-6273

FARM & RURAL PROPERTY DIVISION



CENTRAL PENNSYLVANIA FARMS, FARMETTES AND LAND

MONTOUR COUNTY

#6161FA DAIRY FARM LIMESTONEVILLE AREA, $349,500
* 93 +/- acres w/86 acres tillable, 5 acres woodland, 2 acres site
* 2 story stone & frame home w/main living area and 2 apartments, 67 tie stall dairy barn, 35'x126' heifer barn, 20'x70' & 20'x72' silos, lagoon manure system, milk house outbuildings
* Located in an excellent agricultural area, very well maintained, limestone soil

CENTRE COUNTY

#6168FB 11.5 ACRE FARMETTE, POTTERS MILLS AREA $229,000.
* 11.51 acres, with 1 acre site, balance tillable
* 1 story 28'x52' ranch home in immaculate conditon, and a 30'x48' heated and insulated garage
* This listing is well suited as a farmette for horses It has nice views, quality landscaping, and subdivision potential The house and garage are very well built and cared for The garage has potential for use as an office or in-home business.

#6151FB 15+/- ACRE FARMETTE, BE[illegible]NTE AREA, $100,000
PENDING
* Approx 15 acres, 10 5 till[illegible] woods, 2 site
* 1½ story cape cod alum[illegible] home which needs work, 2 story bank barn, outbuildings
* Good location near Bellefonte The land is gently rolling overall

#6154FA 55+/- ACRE HORSE FARM, BELLEFONTE AREA, $325,000.
* Approx. 55 acres, with 18 tillable, 20 pasture, 13 woods, 4 site and misc
* Sound buildings include a 2 story double house, two story bank barn, a 60'x120' clear span riding arena, a separate 28'x42' horse barn, a 20'x120' implement shed, and other outbuildings
* There are a total of 24 box stalls for horses The farm has an outdoor riding area, and a paved barnyard It is in a desirable geographical location in Centre Co.

#6157FB 34 ACRE FARMETTE, SPRING MILLS AREA, $219,500
* Approx. 34 acres, with 13 tillable, 12 woods, 8 pasture, 1 site
* This property has an outstanding 2 story home constructed in 1984 It is very energy efficient, and includes a heat pump heating system There is a two car attached garage
* The house has a very nice setting away from a paved secondary state road, and is in immaculate condition.

#2473 FB GENTLEMAN FARM, STATE COLLEGE - $350,000
* 26 Acres - 24 Acres highly productive, tillable plus 2 acres site
* 2½ story brick house with 3 finished floors and new cherry kitchen, and 2 story bank barn
* Ideal for horses, only 3 miles from town

#3637FA-GREENHOUSE OPERATION CENTER HALL AREA $164,500
* 7.22 acres substantial road frontage on Route 144, substantial Sinking Creek frontage
* Approximately 10,900 square feet of greenhouse area plus headhouses and a sound 2½ story home.
* This business has a very well established local trade approximately 14 miles east of State College. This property has been well cared for and is in good condition

HUNTINGDON COUNTY

#6225FA - GENERAL OR BEEF FARM - PETERSBURG AREA $295,000
* Approx. 170 Acres w/125 tillable, 27 pasture, 13 woodland, 5 site & road frontage
* Sound 2 story brick home w/new 1-story attachment, (2) 1 story pole barns, 1 Quonset Shed
* The buildings on this farm have a very nice setting away from the road There is significant public road frontage and a small year-around stream The Majority of the land is gently to moderately rolling 16 miles from State College.

#3621FA - GENERAL FARM, WARRIORS MARK AREA $310,000
* Approx. 371 Acres (131 tillable, 218 acres woodland suitable for clearing, 2 acres site, 20 acres [illegible]d & misc)
* 2½ story house w/most roo[illegible]deled
* Soils on tillable land are [illegible]y Hublersburg silt loam & Morrison sandy loam. 218 acres of [illegible]s suitable for clearing & farming are mostly Hublersburg silt loam [illegible]% slope. Hublersburg & Morrison both have excellent productivity potential **Irrigation potential.**

PENDING

#134 FA - RIVER BOTTOM LAND - ALEXANDRIA AREA - $99,500
* 55+ Acres (45 6 tillable, highly productive)
* Ideal for truck cropping and irrigation
* Situated in an excellent location for direct (roadside) marketing

LYCOMING COUNTY:

#6026FA 197 ACRE GENERAL OR RECREATIONAL FARM - MUNCY AREA - $229,500 WITH TIMBER $187,500 WITHOUT MARKETABLE TIMBER
* Approximately 197 acres, with 80 acres tillable, 113 acres pasture and woodland, 2 acres site, 2 acres roads.
* This farm has a small 2 story home that would be well suited for use as a cabin, and two concrete block silos
* Approximately 50 to 60 acres of the woodland on this farm has not been timbered since 1920 There are four small streams, two with natural waterfalls, and several springs It has a substantial gravel township road frontage This property is ideal for hunting and recreational use

CLINTON COUNTY

* Several excellent hunting camp land parcals, 10 to 50 acres in size, level topography wooded, near Sproul State Forest, $500 to $1200 per acre
* 127 acres joining Sproul State Forest, beautiful native trout stream, gently rolling topography, $57,300

DETAILED BROCHURES ARE AVAILABLE FOR EACH OF THE LISTINGS OVER 75 VACANT LAND PARCELS - 1 TO 400 ACRES AVAILABLE IDEAL FOR CABINS AND HUNTING - FREE LISTS.

Merry Christmas From CARTER

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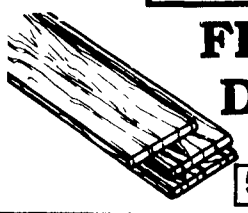
2x10	6.19	7.69	10.99	13.89	15.69	—	—	—	—
2x12	9.79	10.89	16.19	18.19	21.29	—	—	—	—
4x4	4.19	6.99	8.29	8.99	10.99	—	—	—	—
4x6	8.39	9.79	12.69	14.49	17.59	21.99	26.59	—	—
6x6	14.99	17.99	21.49	22.99	29.99	35.99	43.99	51.99	58.49
2x6 T&G	4.49	5.59	6.79	8.29	9.19	—	—	—	—



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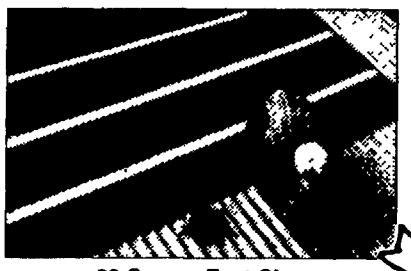

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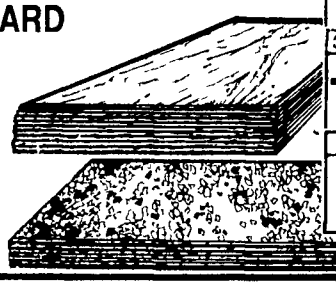

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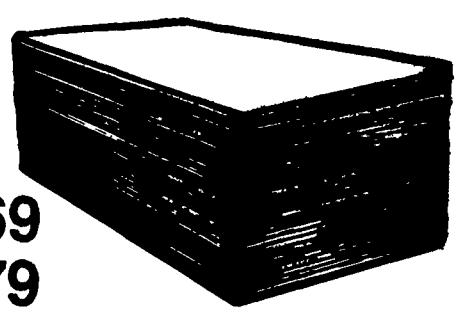

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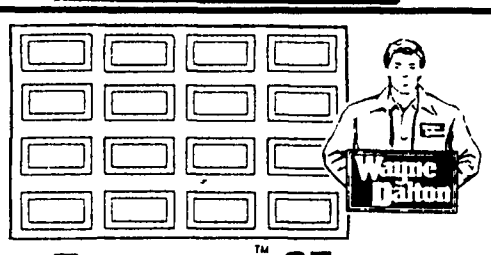

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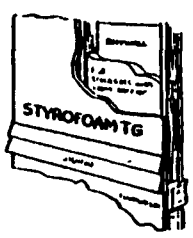

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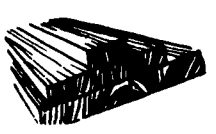

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2"x8"	4.00	4.93	6.16	7.19	8.64	11.64	12.93
2"x10"	5.07	6.17	9.10	11.32	12.53	14.10	15.67
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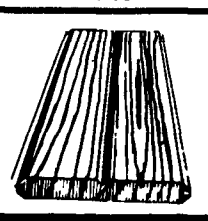

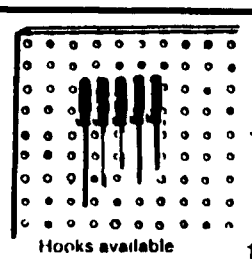

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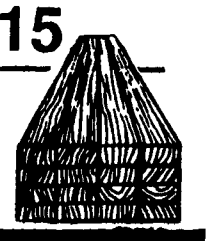

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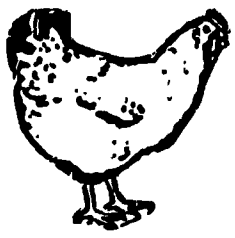

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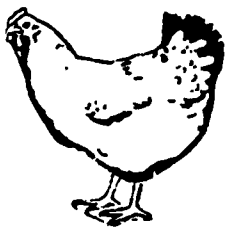

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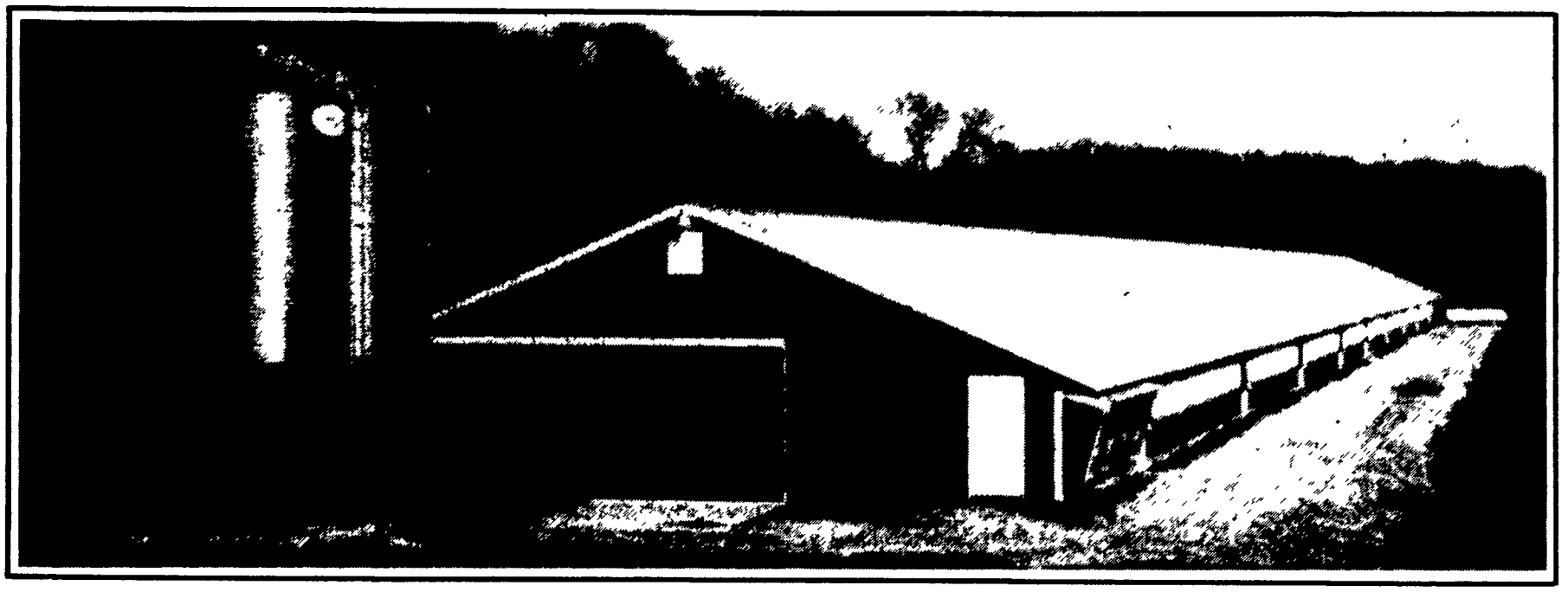

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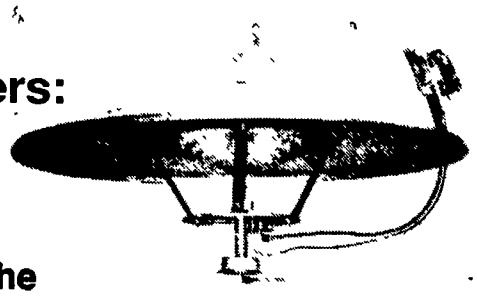

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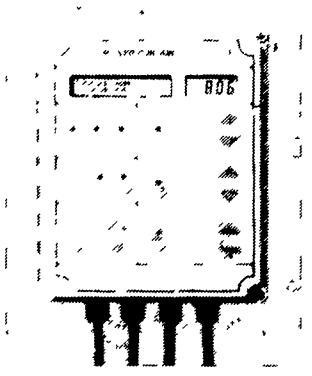

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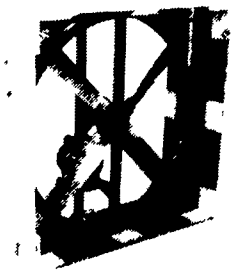

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Corn Hybrid Performance Evaluations Begin

MOUNT JOY (Lancaster Co.) — A long, slow harvest finally is drawing to a close for corn growers in Pennsylvania, New York, the Northeast, and Maryland.

With the results of that harvest -- good, bad or mediocre -- still in mind, it's a good time for farmers to review their hybrid selection process.

One of the coolest, wettest summers in decades helped produce outstanding yields but also delayed the crop's maturity. That slowed down the harvest and added costs for artificial drying. Careful analysis of performance information this winter will help growers plan ways to improve those points with the crop they plant in 1993.

"More than anything else, this year proves the value of hybrids selected for their consistent performance over a wide range of environments," said Joe Mayer, agronomy manager for Pioneer Hi-Bred International, Inc., in Mount Joy.

"By mid-November, Pioneer had collected results from nearly 95,000 side-by-side plots, and that's just half of what we had in 1991," Mayer said. "Even though plot harvest has been slow, we've seen some pretty dramatic yield and moisture differences among hybrids."

"The later the harvest gets, the more important defensive traits will become -- characteristics like standability and cob strength," he said.

Farmers should start evaluating hybrid performance by taking a close look at results in their own and neighboring fields, particularly for yield, drydown and standability.

"Some people are suggesting that 1992 data won't be useful because this has been a unusual year," Mayer said. "We don't agree. Since 1972, we've had five other years when the harvest across the Corn Belt has been as late or nearly as late as this one, so it's not as rare as we might hope."

However, field-size comparisons are only marginally reliable in hybrid performance evaluation. The most accurate on-farm comparison, Mayer says, is two hybrids of like maturity, planted side by side.

Even then, a well-run side-by-side comparison -- with fairly uniform soils and consistent management -- measures what happened only in that particular part of the field with reasonable accuracy. Testing hybrids in a single environment is not a good predictor of future performance because the growing environment is a constantly moving target.

"There's no way to predict how weather will affect crops in 1993," Mayer said. "The year could be ideal, or it could be drouthy, or it could be cool and wet. That's why the farmer's own plots are only the start of the evaluation process."

Using performance data from several years and muliple locations is the best, most practical way to increase the odds of selecting the right set of hybrids for a corn growing enterprise, Mayer says.

"And I say 'sets' because there's no one hybrid that's right for every acre of every farm," he said. "This season has confirmed the value of planting a package of genetically different hybrids."

Pennsylvanians Voice Opinions On Day Care Issues

UNIVERSITY PARK (Centre Co.) — A significant number of Pennsylvanians believe society should place a higher priority on providing adequate day care for the children of working parents, according to a recent Penn State survey.

About 3,600 state residents responded to the survey, conducted by Drs. Fern Willits and Donald Crider, rural sociologists in the College of Agricultural Sciences, and Jeanette Janota, graduate student in rural sociology. Respondents were asked, "Compared to what is being done now, what priority (lower, same, higher, don't know) should be given to day care centers and nursery schools in the future?"

Nearly 40 percent of respondents said day care facilities should be given a higher priority; 42 percent said the same priority should be devoted to day care. Only 5 percent said they favored a lower priority.

Women, those under 40 years of age, those with children under the age of 18 and city residents were most likely to favor a higher priority for day care.

The need for day care has increased dramatically in the last few decades. Between 1970 and 1990, the percentage of children under the age of 18 with working mothers rose from 39 percent to 62 percent. Likewise, the percentage of children under 5 with working mothers rose from 29 percent to 58 percent.

"The issue of child care is not just a concern of parents," says Willits. "It has been estimated that business and industry annually lose billions of dollars to worker turnover and training related to inadequate or unavailable child care. Also, the productivity of working parents is lowered when they're worried about the well-being of their children."

Survey respondents also were asked whether day care for children of working parents should be tax supported. Forty-four percent said "yes," 46 percent said "no" and 10 percent had no opinion.

The younger the respondents, the more likely they were to favor tax-supported day care. Other groups more likely to support tax funding of day care were women, those with children under 18 and lower-income residents.

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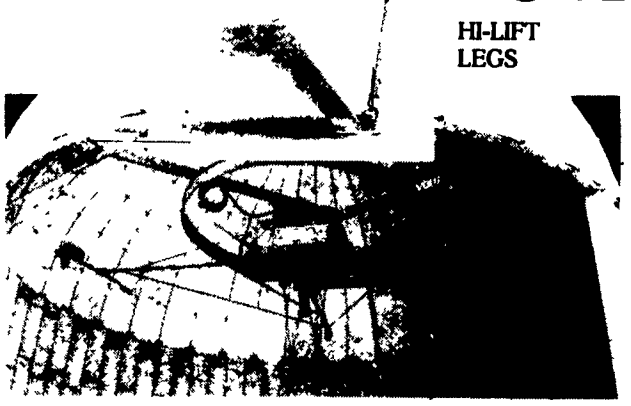

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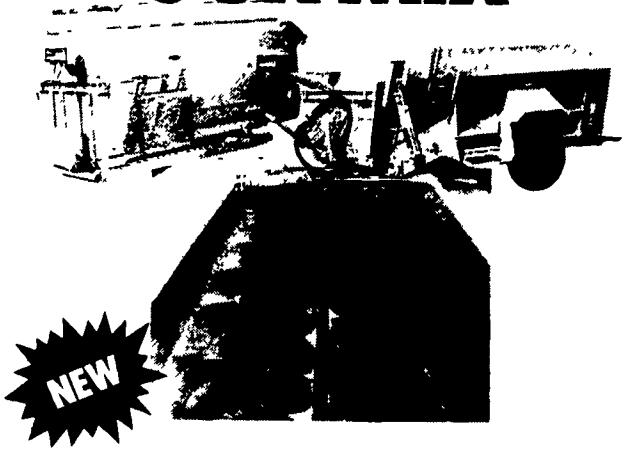

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Livestock Notes

Low-Fat Meat Products Make A Difference

A great deal of attention has been focused on the low-fat meat product market since McDonald's introduced the McLean a mere 14 months ago. Food service and retail markets have offered consumers a myriad of products since that time. To date, these products seem to be faring well, as processors learn to keep (or add) flavor to what would otherwise be rather bland products.

Some groups look rather skeptically at attempts by the meat industry to reduce fat. Yet consumers want lower fat products that have all the palatability characteristics of their higher fat counterparts. The industry will give the consumers what they want if they are willing to pay the increased cost. And apparently they are, based on the array of products being developed and offered.

When the entire industry is considered, there is great potential for reducing fat consumption. For ground beef alone, the potential is staggering. Currently, Americans consume about seven billion pounds of ground beef annually (44 percent of all beef consumed). This amounts to about 29 pounds per person each year. We currently estimated that the average of all ground beef sold is 22.5 percent fat. The new low-fat ground beef products are between six and 10 percent fat. If the average fat level was cut by half, it would reduce the annual fat consumption by over three pounds per person.

This fat reduction represents about 12,000 calories, or about the total caloric intake needed for an adult for five or six days. With current dietary guidelines recommending no more than 30 percent of calories from fat, the fat intake for a person consuming 2,000 calories per day should be 66 grams of fat or less. The reduction in fat from ground beef alone would be 1,360 grams, or the total maximum recommended consumption for 20 days.

Below are the fat and caloric content of some fast food items. This information is generally available at the restaurants where they're sold, but you may have to ask for it. The figures shown are for the entire product, including condiments which may also contribute fat and calories.

Note that the McLean fat level is the lowest of any product shown, even lower than products normally perceived to be low in fat, such as fish, chicken, or even oat bran muffins. Many people prefer the flavor of a cheeseburger, but adding cheese to a McLean Deluxe nearly doubles its total fat content.

While there are many low-fat products on the market, they may not be for everyone. Some people still prefer the flavor and texture found in products with a higher-fat content. For those who wonder which type of ground beef to purchase, here are some guidelines.

Most of the new low-fat ground beef products contain additives to enhance the juiciness, tenderness, or flavor. These ingredients will be listed on the label. Most of the ingredients used are gums (such as carregeenan), proteins (such as soy or milk), or starches (wheat, corn, or oat). The products will often contain flavorings, and nearly always contain added water which replaces the juiciness and texture removed with the fat.

When cooking ground beef as burgers, the products with additives tend to be juicier and more tender. However, if you are using ground beef in a recipe such as spaghetti, the texture, flavor, and juiciness additives are not as important, and you may find that lean or extra-lean ground beef (drained of all drippings) should be satisfactory.

Evening Weaning Improves Pig Performance

Fighting and low-feed intake are two major problems leading to poor post-weaning performance in young pigs. Fighting may lead to wounds, impaired disease resistance, and--as most producers have recognized--a reduction in feed intake as well.

Efforts to reduce aggressive behavior in newly-weaned, regrouped pigs have included reducing noise and swine worker time in the nursery, as well as the use of tranquilizers. Tranquilizers (Stresnil is the only one currently approved) have not consistently improved performance enough to routinely justify the time and expense of injecting the pigs.

Taking advantage of the pigs' natural dirurnal rhythms, researchers at Virginia Tech used a slightly different approach. They weaned pigs at 8 p.m. and compared performance to pigs weaned at 8 a.m. Pigs were housed in a 12 hours light: 12 hours dark lighting schedule. In addition, the scientists tested the effect of putting pigs on full-feed immediately or delaying feeding for 12 hours. The results are shown below.

	Evening Weaning	*Morning Weaning*
Initial wt, lb.	15.6	5.6
Final wt, lb.	40.3	39.0
Feed intake,lb/day	1.43	1.36
Gain, lb/day	.90	.85

	Immediate Full Feed	*12-hr Feed Delay*
Initial wt, lb.	15.6	15.6
Final wt, lb.	39.7	40.8
Feed intake,lb/day	1.39	1.40
Gain, lb/day	.88	.87

Conclusions

Researchers believed that pigs weaned at 8 p.m. would have spent less time fighting since the evening corresponds with the normal period of inactivity. By 8 the next morning, these pigs would have been getting hungry, and therefore may have been more likely to go to the feeder, especially since early morning is close to the time of expected high-feeding activity.

Delaying the feed for 12 hours seemed to have no effect on performance, apparently because newly weaned pigs eat very little for the first 12 hours anyway.

Source: Ogunbameru, B.O., E.T. Kornegay and C.M. Wood, 1992. J. Anim. Sci 70.337-342.

FAT AND CALORIC CONTENT OF FAST FOODS

Product	Calories	Fat (gm)	Cal/Fat	% Cal/Fat
McLean Deluxe	320	10	90	28.1
McLean Deluxe with Cheese	370	14	126	34.1
McDonald's Quarter Pounder	410	20	180	43.9
Fillet-O-Fish	370	18	162	43.8
Cinnamon Raisin Danish	440	21	189	42.9
Small Fries	220	12	108	49.1
Wendy's Grilled Chicken	340	13	117	34.4
Wendy's Big Classic	570	33	297	52.1
KFC Lite'N Crispy	242	14	126	52.1
KFC Chicken Sandwich	482	27	243	50.4
Hardee's Oat Bran Muffin	440	18	162	36.8
Hardee's Real Lean Deluxe	357	15	113	31.7

FPPF Polar Power

Keeps Your Diesel Running In The Worst Winter Cold!

Fuel filters, separators do nothing to keep diesel fuel from the waxing or gelling that blocks up and clogs fuel lines and filters.

FPPF Polar Power contains FPPF's Fuel Power and FPPF's Polarized Diesel Fuel Flow Improver, the industry's leaders. It will keep your diesel running in the worst winter cold: lowering the pour-point, totally dispersing water, eliminating gum/varnish...outperforming all other additives and at lower cost.

For further information, write/call:

MILLER DIESEL INC.
DIESEL FUEL INJECTION & TURBO CHARGER SPECIALIST
6030 Jonestown Rd., Harrisburg, Pa. 17112
717-545-5931 Interstate 81 Exit 26

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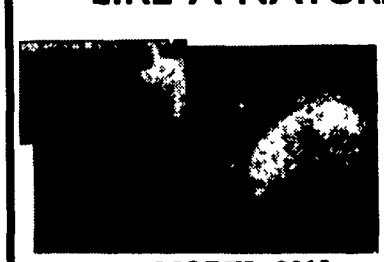
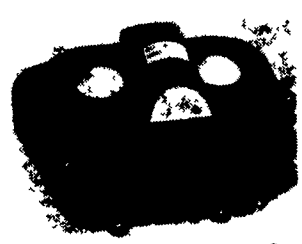


NEW MODEL 3310
6 Gallon Capacity
Year round waterer for all sizes of hogs. Sphere shaped on the underside of lid.



NEW MODEL 3360
23 Gallon Capacity
24"Wx36"Lx18"H w/(2) 8" drinking holes.

NEW MODEL 3350
30 Gallon Capacity
8" drinker holes accommodates horses, cattle and sows.

Saves 100% Of Your Utility Costs - No Electrical Wiring - No Thermostats
No Heat Elements - Easy To Install - Easy To Clean
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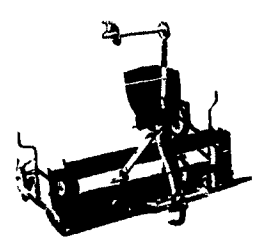
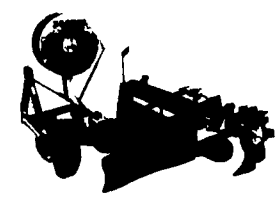
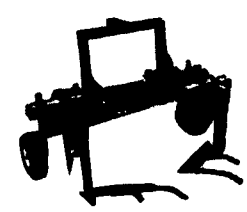


FLAT BED MODEL 560
PLASTIC LAYER



RAISED BED MODEL 2500
PLASTIC LAYER

MODEL 1400 WATER WHEEL TRANSPLANTER



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END OF YEAR SALE on plastic mulch, drip irrigation, greenhouse plastic, layflat, pumps, pipes etc. Selling full line of vegetable growing supplies.

Call or write for free End of Year sale flyer and 1993 catalog.

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(215) 445-6976

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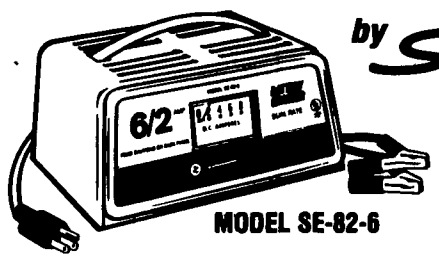

MODEL SE-82-6

- Two-in-one charger provides 6-amp manual and 2-amp trickle charge for 6 and 12 volt batteries.
- 2 amp rating is excellent for trickle charging batteries in motorcycles, snowmobiles, lawn mowers and garden tractors.
- Can be switched to 6 amp medium rate charging for larger batteries in 6-8 hours.
- 2 amp trickle charge for motorcycle and small automotive batteries in 3-8 hours.
- 6 amp rate charges 33% faster than 4 amp model.
- Two years limited warranty.

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1825 Case skid loader, excellent condition, 1989, 298 hrs , auxilliary hyd , good original rubber, 4' bucket, very clean, $7300, w/pallet forks, $7500, w/ post hole digger, $8200 Was $14,000 new 717-266-0575

1895 NH self-propelled 4WD chopper w/pickup & 3R cornhead 301/829-2864

1944 JD BO Lindeman Crawler w/blade, $4500 216/876-5360

1947 John Deere H, restored, mint condition, $3,300 firm (717)872-5007

1949 John Deere M restored, #26920, includes 3pt conversion hitch, 4' rotary mower, 6' scraper blade and belt pulley $3,000 firm Frederick, MD, (301)831-9416

1971 White tractor, 318 engine, 13 speed, wet line, give offer 250 Cummins, 6V71 Detroit rebuilt 478GMV6 diesel 13 speed transmission (717)866-2091

1972 JD 4620 tractor, 4646 hrs , dual wheels, 1000 RPM PTO Field ready $11,000 (410)836-2398 evenings

1975 Ford 3000 tractor, a loader, rotary mower, blades, sickel bar, auger, spreader, manure spreader (717)927-9326

1980 AC 6080, 3300 hours, roll bar, new tires, good condition, 703/822-4181

1980 Button Johnson tomatoe harvester, refurbished 1985, w/brush shaker, electronic color sort, disc pickup head w/ conversion to knife head 717-473-4473 Ask for Sam

1984 7720 4x4, big tires, 1,495 hrs., 1989 218 flex, 1983 643, oil bath Reason for selling-health problems, $55,000 Trade-Finance and Haul Larry Stalter "The Combine Man" 1-800-248-2151

1 JD 4240 Tractor, SGB, QR, 1 JD 210C Backhoe Loader 717-573-2215.

20" Vermeer track digger and trailer, like new, $6,800 11-1/2hp, 2 cycle, Simar roto-tiller, $100 2hp lawn edger, excellent condition, $50 Large Wisconsin engine, 1 cylinder, battery start, like new, $350 Self-contained tank sprayer w/Briggs engine Unit on wheels, $50 Mahanoy Valley Nurseries, (800)525-6514

290 Cummins or 6-71 turbo power unit $4,250 4-71 Detroit power unit $3,325 4239T JD power unit, 100KW, 3 phase Cat generator, $6900 More Detroits, Cummins, Deutz, Cat engines, power units, and generators available Days (717)966-3561, evenings (717)837-5316 ask for Paul

(2) CAT 1160 diesels w/3208 fuel systems, resent rebuilt, $1300/ea, 453 Detroit w/5 speed trans, good condition, $1400 215-445-6156

300 Farmall, live PTO, fast hitch, 12 volts, good shape, $1,150 or offer Lancaster County (215)267-8218

4400 Diesel Air, Works Nice 13' $6950 Larry Stalter "The Combine Man" 1-800-248-2151

4400 diesel, rotating air screen, kept inside, 13', immaculate condition, $9,200 "The Combine Man" 1-800-248-2151

4WD combines 6600, 6620, 7700, 7720, 8820, IH, Gleaner, MF & more Larry Stalter "The Combine Man" 1-800-248-2151

5210N Krause No-Till Drill, 301/739-4969 No Sunday Calls

5' International Chopper, field ready, good flails, $375. 717/687-6220

6' 3pt Mott flail mower, $450, Woods RM48 3pt category O grooming mower, never used, $650, JD 54 manure spreader, $450, 1941 JD B tractor, $500 717/534-1253

6600 Diesel, rotating air screen, sheded, right off farm, $9,800. Larry Stalter "The Combine Man" 1-800-248-2151

6620 4WD Very Nice Used this Summer, $26,900 Trade and Finance Larry Stalter "The Combine Man" 1-800-248-2151.

'75 7700 turbo, hydro, 2400 hrs., chopper, 28" tires, recent bars, sharp. $11,900. Trade & Finance Larry Stalter "The Combine Man" 1-800-248-2151

80-66 Hesston tractor, 70 HP, 2WD w/shuttle shift and dual outlets, 490 hrs., NH baler, excellent condition. 703-547-3711 After 6PM

8820 4x4, 1800 hours, super clean, shedded, $33,900 Trade and finance. Larry Stalter "The Combine Man". 1/800/248-2151

990 David Brown tractor, 1000 original hours, excellent condition, $8,000 (717)286-1823.

AC 200, 2 post, new rubber, weights, outlets, sharp, $4,000. 410-833-9091

AC WD45 wide front, overhauled, new paint, 45hp, nice, $2,000 (301)898-7426.

Attention: Please place your orders for rebuilt NI manure spreaders and NI transplanters EARLY! Last year people had to wait! Thank you, Thom Wheary, Jr (717)687-0102

BACKHOE CASE 780 20' E-hoe, 1 owner, new engine & injection pump, new cutting edge, good condition, $6,850 410-833-9091

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Case 1845B diesel skidloader, stored in heated garage, 2 buckets, $10,500 717-866-5622

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Cornell gutter cleaner, counter clockwise, chain used 4 years, $1500. 814-259-3781.

DEUTZ 4506, 4x4 w/DL 2+2 loader, 2,100 hrs., $9,500. 410-833-9091

Deere hi tin 843, good shape, $6,950.; MF 1144, very good, $2,175.; IH 843, good, $3,275.; A-630 Gleaner, $3,275. Larry Stalter, "The Combine Man". 1-800-248-2151

Delaval Computer Feeder, 5 stations, R.M.II, $7500. 703/433-8582.

DISC JD 210, black gang, new blades, 11', $1,500. 410-833-9091

DISMANTLING FOR PARTS: Just arrived for parts: Michigan 175 II w/ Detroit Power-8V-71 w/ cab, GP bucket. All parts available. BALANDA EQUIPMENT P.O. Box 407 RT 29 Palm, PA 18070. 1-800-322-8030

DISMANTLING FOR PARTS: Just arrived for parts: AC-45 Roadgrader w/AC-516 Engine. All parts available. BALANDA EQUIPMENT P.O. Box 407 RT 29 Palm, PA 18070. 1-800-322-8030

Diesel JD skid loader, hydrostatic, runs good, $3995; NH 56 rake, rubber teeth, $895. 717-354-0266.

Diller Manure Tankers: Pull type or truck mounted. We buy, sell, trade, and rebuild at a fraction of new cost Call (800)523-8002 or (717)369-2691 today. Franklin County.

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Dynahoe Backhoe and Loader, heavy duty, power shuttle, 6-cyl. gas engine, $4000 or will trade for a small round baler or gooseneck flatbed. 800/426-5227.

Farmall BN $1200; JD trailer plow $160; disc 7' $140; Cultipacker 7' $95; 30' wood shifting ladder $30; 2-hole corn sheller $575. Labanon 717-866-7214.

Farmall "H" tractor with 7½ ' Meyer snow plow, hydraulic lift, runs good, $1795 Call Wendell 215-348-9041 8 30-5PM.

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FORD 1910, 2 whl., PS, 6' Woods, runs well, $5,000. 410-833-9091

FORKLIFT LULL 400, gas, 4,000 lbs , 34', 1 owner, low hrs , must see to appreciate, $6,800 410-833-9091

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FOR SALE. Wisconsin engine model TJD. Fawn Township, RR1, Box 168B, Alum Rock Rd., New Park, PA 17352. 717-382-4834.

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For most any combine, grain and/or corn header, or self propelled choppers. Call Larry Stalter, "The Combine Man" 1-800-248-2151

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Hesston mower conditioners round balers. Woods 15' cutter, 3 pt backhoe $4200. Also, (4) Lahman and Flexi round bale moving trailers, 25% to 35% discounts. 11 new and used Lahman skid loaders. New Lahman skid loader with backhoe $8500. DON ERDLEY EQUIPMENT, Lewisburg, PA 717-524-2410.

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IH 1440, 2 heads, super sharp, $24,900. Delivered. 1-800-248-2151

IH 1440, very good in farmer's shed, grain head, $18,650. Trade & Finance. Larry Stalter "The Combine Man" 1-800-248-2151

IH 1460 Combine, well cared for, 17½ ' grain table 1020, 6R 30" corn head #863, reasonable. 302/653-9065.

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IH 4 bottom automatic reset plow, good condition, $1300 OBO; International vibra shank harrow, 18½ ', hyd. fold, leveler, like new, $2000 OBO. 717-426-2659.

IHC Cub w/42" undermount mower, good shape, 1923 Fordson, showpiece, Rumley Model-X, very restorable; JD Model-MT, showpiece. 717/394-9136 after 6pm

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Int. 5088, very good condition. 215/869-4910 after 9pm. Chester Co.

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JD 1020 vineyard, 52" wide, gas, $4,500. 410-833-9091

JD 1600 Chisel Plow, $1000; MF 50, Power Steering w/loader, $3000. Taneytown Farm & Hardware, 410/751-1500.

JD 1937 B tractor, new paint. 410-452-5252.

JD A, 1943, good condition, field ready, $1500/OBO. Cecil County. 410-398-8231 after 5PM.

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JD 2440, cab, heat & air, 2,500 hrs., good tires & paint;

2) JD fenders fits series 10, 20, 30 & 40 tractors 717-597-4343

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Big A 3500 Injection Truck
2200 Gal. Stainless Steel Tank,
Allison Automatic Transmission,
555 Cummins Engine,
Very Good Condition
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Deutz 4506
4x4, 2100 Hrs., w/DL 2+2 Loader
$9,500
(Not Actual Photo)
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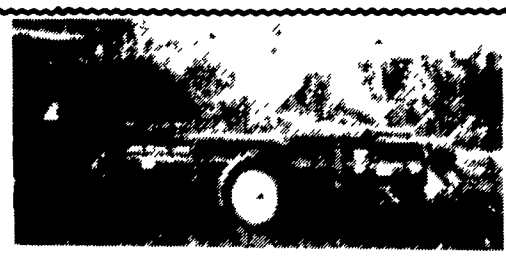
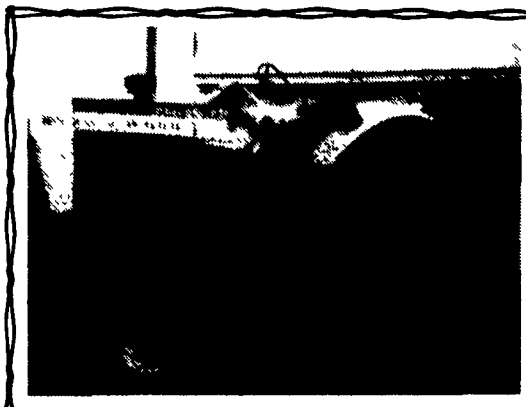


JD 450 manure spreader rebuilt, painted.
$3,550.00
Real nice piece
215/696-2990



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$5,800
IH 1456 Fender Tractor, Clean **$5,900**
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IH Top Link For 1066 **$250**
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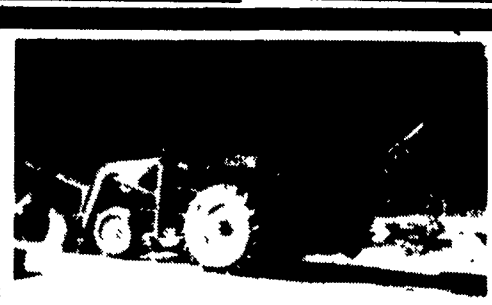

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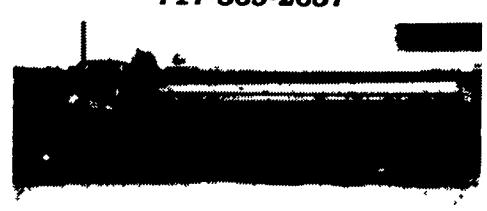

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No Job Too Large Or Too Small

JD PTO for model 820, 830, 80. 717-222-4432.

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LOADER TRACTOR FORD 3000 w/#730 front pump loader, $4,000 410-833-9091

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1979 4400 Diesel Combine
2650 Hrs., 443, 4 RN Corn Head, 213 Flex Grain Head, Very Good Condition, Stored Inside
$17,500
717-738-1964

JD 2040, super sharp, $6,200. 410-833-9091

JD 2940 4WD, 4100 hrs., $12,900 JD 4630, good rubber, standard shift, $9,800. (717)524-7655.

JD 3010D industrial loader w/heavy duty bucket and forks, needs trans work, $2250; JD 48 loader w/ valve, row crop brackets, $2000 717-866-7066 8-5

JD 3010 needs overhaul, has excellent rubber, and nearly new WFE Best offer. (607)359-3921.

JD 327 slide shoot baler, $4,500. (4) 16' flat wagons $750 each Kuhn 19' tedder, $1,800 36 tie stalls w/ water cups and tie chains, $1,000 Berg barn cleaner, $3,500. JD 40 manure spreader, $3,500 (716)355-4129.

1990 Case IH 885
4 WD, roll bar, dual hydraulics, 640 original hrs., like new.
Asking $21,000 Will Trade!
Curry Supply Co.
Curryville, PA
Call 1-800-345-2829

JD 4020, PS, 1968, real nice, $7500 717/423-6719.

JD 4020 WF, dual hydraulics, wheel weights, good tires, good condition, field ready 410-877-9889

JD 40 tractor w/3 pt single row cultivators, front blade, new tires, $1850 410-795-1995

JD 420 Farm Tractor, W F, P S, L P, T O, 5 speed, good rubber, $2500 Oliver 1550 tractor w/front end loader and bale spear, excellent condition, $4600 410/655-7094

JD 4230 quad range, 4 post, roof w/partial enclousure, 825 hrs since overhauled, very good condition, $10,900 717-867-4538 or 717-270-1558

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JD 6600 combine, rotary screen, diesel, air, field ready, $7,000 (717)866-4185

JD 7000 no-till planter 4RN dry fertilizer, insectide, monitor, unit coulters, $3500, Mohawk 7 spring shank chisle plow, 3 pt, $750 410-836-2053

JD "80", "430T", second one built Zimmerman 12 ton tandem gear, 12 5-15 10-ply tires, never used $1500 Evenings leave message. 717-222-4432

JD 830, diesel, 3 cylinder, 1 owner, 1,200 hrs, $6,000 410-833-9091

JD adapter plate for SP chopper to snap ears, $1,250 1-800-248-2151

John Deere 720 gas, good shape. JD 530 factory 3 point, $3,500 (2) JD B's unstyled, 37 and 38, run, $1,600 each 1985 Ford F350 dually pickup, 6 9 diesel, automatic $4,000 JD 730 diesel, pony start, for parts JD 4430 engine for parts or complete Crankshaft for JD 466 engine. Other 2 cylinder parts.. (607)898-3154, or (607)898-4448.

Knight Reel Auggie 2450, 3½ year old mixer wagon Completely rebuilt, single owner operator, like new, best offer (908)369-3936

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Hardee 5' heavy duty box scraper..... $375
Hardee 6' heavy duty box scraper..... $495
Hardee 5½ ' 3 Pt. Heavy Duty Disc Harrow.....$1,270
Sovena 60" rotary tiller, side shift, clearance price.....$1,550
New Manure Spreader for compact tractors, approx. 45 sq. ft., pto drive..... Call
Long 60" 3 pt. rotary cutters w/slip clutch..... $675
Long 1548 Loader, Fits Many Model Tractors w/72" bucket & valve ..... ~~$3,250~~ Special Price $3,000
4' 3 pt. MD Rotary Cutter $400
5' 3 pt. MD Rotary Cutter $475
(3) 10½ ' Pull Type Rotary Cutter, Heavy Duty Complete w/Cyl. Hoses and Guards.....~~$4,150~~/ea. $3,950
1 ONLY - NEW 15' Wingfold Rotary Cutter w/Chain Guards, Hoses, and Cylinder.....$8,500
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New 2510 Long 50 HP Tractor..... $11,900

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Kubota B5100E Tractor w/front blade & RM400 Woods finish mower, excellent condition $3,500
IH 656 diesel, w/a, very good condition, 400 h[illegible] rebuilt, turbo, with or without 2250 Case IH loader..... Call
SOLD IN PA
Ford 1210 compact diesel tractor, hydrostatic, 905 hrs., excellent cond.....$6,800
NH 325 Skid Steer Loader, excellent shape, gas, rebuilt engine, w/bucket.....$6,500
Littleston 7'6" Cutter..... $400 as is
Case IH 2250 Loader, [illegible]6, Like Ne[illegible]
SOLD IN MD
.....$3,000

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Ford 9N
Ford 8N
Ford 600, 5 Spd.
Ford 5600 w/DP & Loader
Ford 7600, Row Crop
Ford 7700 w/Cab
Ford 7700, No Cab
Ford TW10, Cab & Air
Ford TW30, 2WD, Cab & Air
Ford 555B, TLB, 1,200 Hrs.
JD 2755, 2WD, 100 Hrs.
JD 3155, 4WD, 240 Hrs.
Kubota 8950, 4WD w/3000 Hrs.
Mitsubishi 160, 16 H.P. w/Loader
Ford 555C, 4WD, 1,300 Hrs.
Ford 655C, 2WD, 300 Hrs., 4 In 1 Bucket
New 6 Row White Cultivator
NI 512 12' Swing Tongue Haybine
IH 56 Blower
IHC Grain Drill
JD 124 Forage Box
NH 775 Skid Loader w/1,600 Hrs.
NH 785 Deluxe Skid Loader w/Ford Engine, New Tire, 500 Hrs.
12' Kewanee Disc
Ford 12' Disc, Like New
Ford 14' Disc, Like New
10' Ford Field Cultivator
Ford 251 17' Offset Disc
Ford 4 Btm. Plow
Ford 3 Btm. Plow
IH 5 Btm. Plow
10' Brillion Culti-mulcher
JD 100 Loader
Kioti, 4WD, 22 H.P.
Case 14 H.P. Lawn Mower w/44" Deck
Grove 14' Forage Wagon
NH 519 Manure Spreader w/New Side & Top Beater
NH 795 Manure Spreader w/Top Beater & Endgate

Hours: 8:30-5:00 Mon. Thru Fri.
8:30-12:00 Saturday

TRACTOR REPAIRS

- We Have Experienced Ford Tractor Mechanics That Specialize In Ford Tractor Repairs -
- We Specialize In Ford Tractors And Have Since 1921
- Call For Quotes

717-949-2000

Ford

KELLER BROS.
RD 7 Box 405
LEBANON, PA

The I&J Cultivator

8% OFF ALL CULTIVATORS BOUGHT UP TO 12/31/92

OPTIONS
Rolling Shields
—protects small crops and will not plug
Disc Hillers
—great for ridging crops

Work-Saving Features of the I & J Cultivator:

- Durable "S" tine shanks
- All units have gauge wheels for independent floating over ridges and furrows.
- Available in 1-2-3-4 row units
- Also great for vegetable crops

I & J Manufacturing
5302 Amish Road • Gap, PA 17527
717-442-9451
(Call between 8:45-9:00 A.M. weekdays, ask for Jake)

Lancaster Farming
1 E. Main St.
Ephrata, Pa. 17522
717-394-3047
or Lititz
717-626-1164
FAX 717-733-6058

PHONE HOURS:
Mon., Tues., Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
7 a.m. to 5 p.m.

OFFICE HOURS:
Mon. thru Fri.
8 a.m. to 5 p.m.

The following categories are available for your classified advertising. In Section D. Deadline-Thursday morning at 9 of each week's publication

1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders

The following categories are available in your classified advertising. In Section C. Deadline-Wednesday afternoon at 5 of each week's publication.

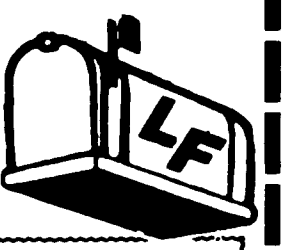
4- Building and Supplies
5- Grain Equipment
6- Dairy Equipment
7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

CLASSIFIED AD ORDER BLANK

PLEASE WRITE CLEARLY

MAIL TO:
LANCASTER FARMING
P.O. Box 609, Ephrata, PA 17522

PLEASE CALL OUR CLASSIFIED AD DEPT. IF YOU WANT TO ADVERTISE A DISPLAY BOX IN OUR PAPER.



NOTE: Please do not use this form for Mail Box Market Ads, see instructions with Mailbox Markets.

Name _____
Address _____
City _____ State _____
Zip _____ Phone (___) _____

Please publish my ____word ad ____times starting with the _____issue Classify under #_____ I enclose _____

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $1.50 per ad per week additional.
This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

DEADLINES:
SECTION C - WEDNESDAY AT 5:00 P.M.
SECTION D - THURSDAY AT 9:00 A.M.
OF EACH WEEK'S PUBLICATION

CLASSIFIED ADVERTISING RATES
36¢ per word per week - 1 or 2 times
30¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.96	7.92	9.90
12	4.32	8.64	10.80
13	4.68	9.36	11.70
14	5.04	10.08	12.60
15	5.40	10.80	13.50
16	5.76	11.52	14.40
17	6.12	12.24	15.30
18	6.48	12.96	16.20
19	6.84	13.68	17.10
20	7.20	14.40	18.00

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40

(Phone Numbers Count As One Word)

M2 Gleaner, 4x4, 1618 separator hrs, super nice, farmer quitting, $14,800 Trade & Finance Larry Stalter "The Combine Man" 1-800-248-2151

McConnell 450 potato harvester, belted chain, new primary, used on 300A, field ready (717)66[illegible] 6908

MF 165, gas, turf tires, PS, LPTO, $2,400 410-833-9091

MF 255, big radial rubber, roll-bar, outlets w/Triumph side sickle, $7,000 410-833-9091

MF 2705, CAH, 4,100 hrs, outlets, 24 spd w/MF 246 QT loader, $8,850 410-833-9091

MF 50 gas, power steering w/loader, $2800 Taneytown Farm & Hardware, 410/751-1500

MINNEAPOLIS MOLINE PARTS NEW AND USED AND TRACTORS EVERETT BROS 614-922-3335

Mixer grinder, Bear Cat, all hydraulic, very good condition $2600 717-458-4403

NEW HOLLAND ELEVATOR COMPANY New 30 and 36' Elevators, new parts for Model 155 NH We will trade buy or rebuild your used or damaged NH Elevator Thank You Thom Wheary, Jr 717/687-0102

Need tracks, 4WD, floater tires, or rice tires? Call Larry Stalter "The Combine Man" 1-800-248-2151

Buss thickness plane,3 phase, 30"x8" cut, completely reconditioned, heavy duty..... $10,000
Commercial generator, KVA 75, phase 3 or 1, GM diesel powered, totally reconditioned..... $5,700
60' Morgan concrete conveyor, good condition $9,700
(2) Porta Space office trailers, 12'x60', can be converted for home use, electric and AC $3,500/each
F-8 Danuser post hole digger, 3 pt. hitch, 12", 9" & 6" augers..... $975

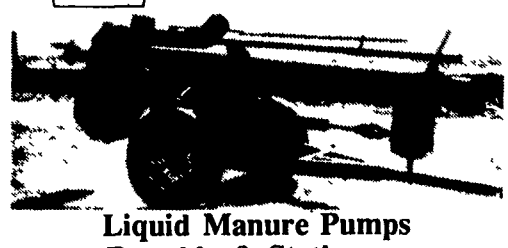
717/582-4285 or 717/582-4654

ANTIQUE GAS ENGINES COLLECTION OF INTERNATIONAL GAS ENGINES

10 hp Famous screen cooled on wagon
6 hp Famous screen cooled on wagon
4 hp Famous hopper cooled
2 hp vertical air cooled
2½ hp screen cooled
½ hp Handy Andy Galloway
2 hp vertical pumping engine
3 hp vertical screen cooled
10 hp M Int.
(2) 1 hp Famous
Tom Thumb
1 hp air cooled Mogul
3 hp vertical Keystone screen cooled
Complete set of Gem magazines plus many extras
12 Hog oilers
Many parts and brass oilers

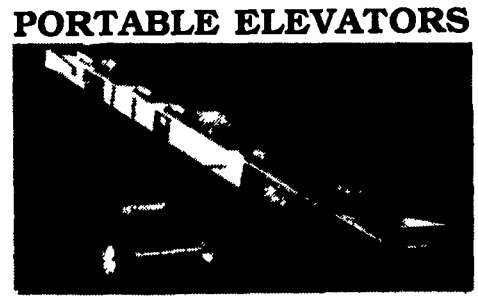
215-759-3815

WISCONSIN ENGINES



Liquid Manure Pumps
Portable & Stationary

ZIMMERMAN PORTABLE ELEVATORS



WELL BALANCED, RUGGEDLY BUILT FOR MANY YEARS OF TROUBLE FREE SERVICE

From 28 Ft. to 48 Ft. Available

USED EQUIPMENT

NH 630 Baler NEW	$8,400
NI 323 Corn Picker, Like New	$3,600
NH 258 Rake	$1,700
(8) NH 402 Crimpers	$850 to $1,100

Zimmerman 990 Forage box
Hydraulic Powered

AVCO VM Diesel

MILLER'S REPAIR
1 Mile North of Bird In Hand
8 Miles East of Lancaster
Ph. 717-656-6109

Kubota EXCAVATOR

KH 28 with DOZER

—One Owner—

- 12' Digging Depth
- 7' Dozer Blade
- Full Cab
- 48 HP Diesel
- 13,000 Lb. Operating Weight

$15,800.00!

KELLER BROS.
KUBOTA

717-949-2000
RD #7 Box 405 Route 419
LEBANON, PENNA

SHIP PARTS ——— UPS DAILY!

CHARLES S. SNYDER, INC.

Ford FORD NEW HOLLAND

ROUTE 3 ON ROUTE 443
TAMAQUA, PA. 18252
PHONE: 717-386-5945
MON. THRU FRI. 8:00 A.M. TO 5:00 P.M.;
SAT. 8:00 A.M. TO 12:00
EVENING HOURS BY APPOINTMENT

Ford FORD NEW HOLLAND

USED TRACTORS

TAG#	DESCRIPTION	HOURS
6587	Ford 3930 Demo (Excellent) 2WD	114
6984	Ford 8600 w/Cab	921
7437	Ford TW20 Cab 2 Remotes 18-4-38 Duals New	4029
7501	Ford 7710 4WD Cab 2 Remotes 16-9-38 14-9-24	2768
7517	Ford 9N 3 Speed, Nice	
7529	Ford 5000 Gear Diesel 8 Speed	2768
7557	Bolens 1502 Hydro Diesel 2WD w/Mower	
7688	Ford 2000 Gas w/Ind. Loader	2510
7738	Ford 7710 4WD Cab 3 Remotes & Load Monitor	2680
7764	MF 101 4WD w/48" Mower	
7832	JD 2640 Diesel Wide Front End 1 Remote	4381
7824	Kubota L175 2 Cyl. 2WD Turf	370

INDUSTRIAL & SKID LOADERS

7454	Ford 550 TLB Cab 2WD 4 Lever	1664
7753	Ford 655A 4WD Cab 2L Standard Hoe	3880
7754	NH 555 Kubota Hyd. Boom No Buckets	800
7757	Ford 655C TLB 4WD Cab	1263
7765	IH 340 TLB	1189
7786	MF T035 TLB	
7791	Ford 655A TLB Cab Ext Hoe 4L, 4WD	411.2
7843	Ford 555B TLB 4WD Ext Hoe 2L	2081
6862	710 Leaf Loader Left Side Pick Up	445
6870	710 Leaf Loader Left Side Pick Up	277
6873	710 Leaf Loader Left Side Pick Up	185
7151	NH L555 Skid Loader w/Bucket	2056
7367	NH L553 Skid Loader (No Buckets)	

HAYBINE

7023	NH 1495 Haybine, Hydro
7346	NH 1495 Haybine, Gas
7639	NH 479 Haybine, Nice

HARVESTER & FORAGE

7282	NH 782 Harvester w/Elec. Controls 2 Row Head
7482	NH 357 Grinder Mixer
7693	NH 770 Harvester w/2 Row Corn Head
7718	Lamco Harvestor Box

BALERS & RAKES

7018	Ford 532 Baler w/Thrower
7162	NH 315 Baler w/Thrower
7502	NH 326 Baler w/75 Kicker
7526	NH 320 Baler w/Thrower (As Is)
7566	Ford 532 Baler w/Thrower
7579	Ford 532 Baler w/Thrower
7759	JD 336 Baler w/Kicker
7779	NH 156 Tedder Pull Type
7520	NH 256 Hay Rake (Steel Teeth)

"OPEN HOUSE"

FARNSWORTH FARM SUPPLIES, INC.

103 Cemetery Street
Hughesville, PA 17737
PH: (717) 584-2106
December 26, 28, 29, 30, 31, 1992 & January 2, 1993
8 AM - 5 PM

CASH & CARRY - F.O.B. Hughesville, PA

NEW MACHINERY

Ford #1520 Tractor-Turf Tires & 5' Belly Mount Mower	$12,000.00
Ford #1920 Tractor	$13,500.00
White #230 14' Field Cultivator	$3,000.00
White #435 Conserv. Chisel Plow DEMO	$5,500.00
White #6104 4-row No-Till Corn Planter	$10,750.00
NH #816 Self-Unload. Wagon Box	$5,800.00
NH #L-553 Skid-Steer Loader	$14,300.00
NH #305 Manure Spreader	$6,000.00
NH #306 Manure Spreader	$8,000.00
NH #166 Windrow Inverter	$3,500.00
NH #488 Mower-Conditioner	$7,800.00
NH #157 Tedder	$1,200.00
USED NH #1495 Mower Conditioner	$11,000.00

20% DISCOUNT OFF ALL PARTS, ORDERED & PAID FOR, IF NOT IN STOCK
25% DISCOUNT OFF ALL TOYS & IN-STORE ITEMS, not already on special

NEW LAWN & GARDEN EQUIPMENT

Ford 12LT Lawn Mower w/38" Deck	$1,500.00
Ford 14LT Lawn Mower w/42" Deck	$2,000.00

SEEDS

Saranac AR Alfalfa	$95.00 per 50 lbs.
Vernel Alfalfa	$60.00 per 50 lbs.
Oneida VR Alfalfa	$90.00 per 50 lbs.
Medium Red Clover	$60.00 per 50 lbs.
Climax Timothy	$30.00 per 50 lbs.
Penlate Orchardgrass	$70.00 per 50 lbs.
Smooth Orchardgrass	$60.00 per 50 lbs.
Certified Seed Oats	$4.30 per bu.
WL 225, 317, 320 Alfalfa	Ask

FERTILIZER

0-18-36 Bulk	$143.00 per ton
5-10-10 Bulk	$90.00 per ton
10-10-10 Bulk	$111.00 per ton
10-20-20 Bulk	$135.00 per ton
16-8-8 Bulk	$130.00 per ton
46-0-0 Bulk	$175.00 per ton

Add $15.00 per ton for Bagged Fertilizer
Above Prices are FOB Milton, PA

CHEMICALS

Atrazine 4L (in 2½ gal.)	$12.00 per gal.
Banvel (in 2½ gal.)	$65.00 per gal.
Bicep 6L (in 2½ gal.)	$29.50 per gal.
Bladex 90DF (in 25 lb. bag)	$5.00 per lb.
Bladex 4L (in 2½ gal.)	$21.50 per gal.
Prowl (in 2½ gal.)	$23.75 per gal.
Dual 8E (in 2½ gal.)	$58.00 per gal.
Lasso MT (in 2½ gal.)	$23.75 per gal.
Linex 4L (in 2½ gal.)	$56.50 per gal.
2-4D Amine (in 2½ gal.)	$10.25 per gal.
Bullet (in 2½ gal.)	$17.75 per gal.
Princep 90 (in 10 lb. bag)	$4.50 per lb.
Ranger (in 2½ gal.)	$32.00 per gal.
Roundup (in 2½ gal.)	$43.00 per gal.
Lorsban 15g (in 50 lb. bag)	$1.58 per lb.
Isotox	$9.00 per pkg.

MISCELLANEOUS ITEMS

Ford Child's Pedal Tractor	$125.00
Ford Child's Wagon	$25.00
Pressure Washer - 1000 lbs. PSI	$415.00
Hydraulic Cylinder - 3½ x8	$60.00
Hydraulic Cylinder - 4x8	$75.00
Bulldozer Fencer	$50.00
Sisal Baler Twine-7200,9000,10,000ft.	$17.75
Sisal Baler Twine-16,000 ft.	$21.00
4 Tine Fork	$24.00
10 Tine Fork	$40.00
Hardy Outside Wood Furnace 180,000 BTU's	$3,200.00

Not Responsible for Typographical Errors
PA Sales Tax Will Be Added to All Applicable Items —

BANG BANG BONANZA!

HARDWARE STORES

DECEMBER DYNAMITE DEALS!

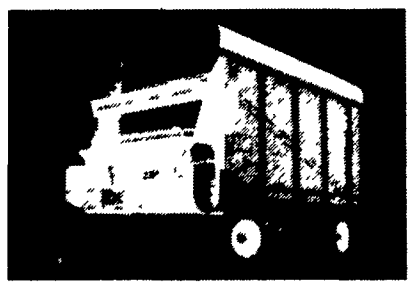
As we celebrate 60 years of business we wish you a happy and prosperous New Year and best wishes for 1993. To show our thanks for your patronage we're offering this spectacular year-end sale:

10% OFF ALL STORE ITEMS!

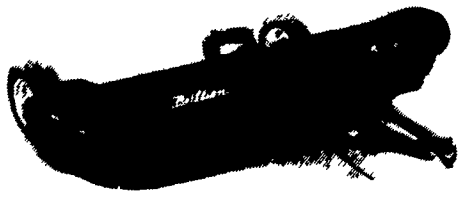
Including Hardware, Plumbing Supplies, Electrical Supplies, Etc.
Save On Equipment Parts From Gehl, New Idea, Hesston, Brillion, Kuhn, Dion, Bush Hog, Kewanee, Killbros And Others!
Wall To Wall, Floor To Ceiling Savings. Cash Sales Only. Now Thru 12/31/92

FARGO 3012A DUMP BOX WAGON
• 600 Cu. Ft. • 16,000 Lb.
• 900x20 Tires
DECEMBER PRICE- $8,975
or lease for $185/Month

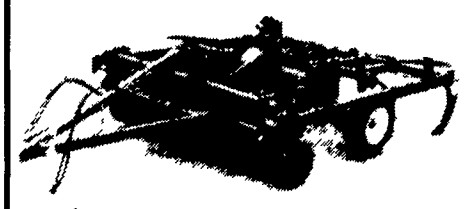
HESSTON 4570 BEE-LINE BALER WITH THROWER
#00687 List $15,273
One Only
DECEMBER PRICE - $9,878
SAVE $5395!! 35% OFF



DION BF760 FORAGE WAGON
• 16 Ft. • 3 Beater • Roof
• Pequea 12 Ton Tandem Gear
List $9,125
DECEMBER PRICE - $7,488
Plus $100 Umberger Gift Cert.



BRILLION 15 FT. FLAIL SHREDDER
• Aux. Wheel Kit • 9.50x15 Tires
List $9,576
DECEMBER PRICE - $6,950
Plus $100 Umberger Gift Cert.



BRILLION 9 SHANK CHISEL
• Hyd. Slicer Gangs • 11 Et. 3"
• New Warranty
DECEMBER PRICE - $7,846
Or Lease For $161.47/Month

GIVE US A CALL
BANG BANG PRICES ON EVERYTHING

	Reg.	Bang Bang Price
• White 5100 6RN Corn Planter Liquid, Nice	$ 6,595	$ 5,900
• Gehl FB1580 Forage Blower	$ 2,890	$ 1,985
• Woods 10 Ft. Pull Type Rotary Chopper (As Is).	$ 1,200	$ 890
• Bush Hog 105 5 Ft. Rotary Chopper (As Is)	$ 495	$ 250
• Bush Hog 207 7 Ft. Rotary Chopper	$ 1,595	$ 1,145
• Knervland 3 Pt. 3 Bottom Plow	$ 495	$ 290
• New Holland 890 Forage Harvest-Hay Head, As Is	$ 2,995	$ 1,875
• New Idea 224 10 Ton Tandem Spreader w/Gate, As Is	$ 2,295	$ 1,450
• Butler 3400 Gal Liquid Spreader w/Injectors	$ 6,995	$ 5,875
• Calumet 30 Ft. Trailer Lagoon Manure Pump	$ 3,595	$ 2,990
• New Idea 213 176 Bu. Single Beater Spreader	$ 1,595	$ 950
• New Idea 244 325 Bu. Tandem Spreader	$ 3,950	$ 2,575
• Hedlund Martin 1263 Scavenger Spreader, 225 bu	$ 2,950	$ 2,260
• Hedlund Martin 1678	$ 3,950	$ 2,000
• Dunham Lehr 15 Ft. Mulcher, New Paint	$ 2,850	$ 1,945
• IH 315 13 Ft. Mulch w/Cylinder	$ 3,590	$ 2,870
• Brillion 11 Ft. Packer 18" Wheel	$ 850	$ 640
• Brillion 12 Ft. Packer 18" Wheel	$ 950	$ 740
• Brillion 13 Ft. 4" Packer 18" Wheel	$ 1,250	$ 985
• New Holland 56 Hay Rake	$ 1,450	$ 1,000
• New Idea 402 5 Bar Hay Rake	$ 950	$ 775
• IH 35 Hyd. Drive Hay Rake	$ 1,595	$ 1,235
• Vicon 22 Ft. 3 Pt. Hay Rake	$ 1,595	$ 1,390
• Deutz-Fahr KH500 17 Ft. Tedder, As Is	$ 2,290	$ 1,720
• Kuhn GR25 42" 3 Pt. Tiller	$ 995	$ 785
• Gehl TMR170 Mixer w/Scales	$ 4,595	$ 2,750
• Kasten 14 Ft. 3 Beater Forage Box w/Gear & Roof	$ 1,395	$ 1,090
• New Holland Model 8 Forage Box 3 Beater Box Only & Roof	$ 1,850	$ 1,395
• Badger BN950 3 Beater Roof Forage Box 3 Beater Roof	$ 2,595	$ 1,875
• Dion 3 Beater Forage Box- McCurdy Gear, As Is	$ 950	$ 790
• Dion 3 Beater Forage Box & 10 Ton Gear	$ 2,975	$ 2,550
• Dion 3 Beater Forage Box Roof & 10 Ton Gear	$ 3,450	$ 2,690
• EZ 3 Beater Forage Box Roof 12 Ton Tandem	$ 2,200	$ 1,790
• Gilson 5 HP Rear Tine Tiller- New Gear Box	$ 595	$ 390

JUST TRADED
New Holland 488 9 Ft. 3"
Haybine - Sharp Rolls Goods

JUST TRADED
John Deere 350
Manure Spreader, Cream Puff

'93 FERTILIZER
• $20/TON DISCOUNT
For December Payment
• Special Prices On Raw Material

SEED OATS
Noble, Larry, Hercules,
Ogle And Porter
DECEMBER $4.85/Bu. (Pre Pay)

SOYBEANS
This Year We Have The
Leaders — As Low As
$10.15 Per Bag!

1993 TWINE
20,000 Plastic Hi-Visibility
Dec.- $17.95

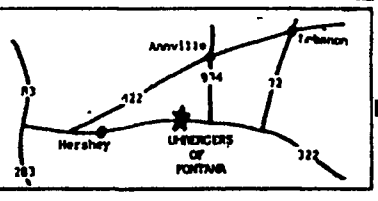
9,000 Plastic
Dec.- $17.95

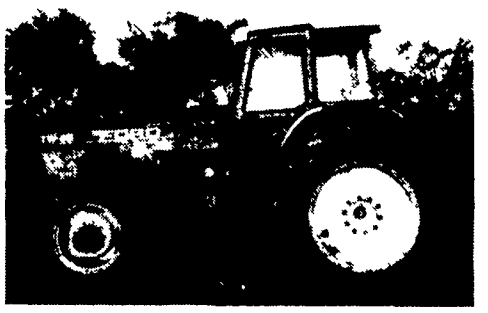
9,000 "Premium" Sisal Twine
Dec.- $20.95

10% OFF WATERERS
Choose Ritchie Or
Mirafount And SAVE!

Umberger's of Fontana, Inc.

Rt. 4, Box 545, Lebanon, PA 17042
8 miles E. of Hershey on Rt. 322
717-867-5161
HOURS: Mon.-Thurs. 7:30-5, Fri. 7:30-9, Sat. 7:30-4





Ford TW25 Series II
CAH, 4x4, Dual Radials,
2600 Hrs., Rebuilt Engine
$17,000
410-833-9091

END OF YEAR SPECIALS
CASH AND CARRY DAYS

Prices Good Dec. 26 to Jan. 9, 1993
No Trade- Delivery Extra
Does Not Apply To New Items.

$500 to $2,000 Less 10%
$2,000 to $5,000 Less 8%
$5,000 to $10,000 Less 6%
$10,000 to $25,000 Less 4%

TRACTORS

** Case IH Maxxum 5130 w/IH Loader w/Extended Warranty	$24,500
* Ford 4000, gas, 5 spd , PS	$3,950
** Oliver 1650, gas, 2,900 hrs , hydro power, WF or NF	$4,950
** MF 285, multi power, wet brakes	$5,950
** MF 180 diesel, multi power, 2,875 hrs , diff. lock & remote	$5,850
** AC 180, gas, cab, dual hyd, 700 hrs	$6,550
* Super C Farmall, fast hitch, fenders & pulley	$1,975
* Mustang 442 Unloader, diesel	$5,450
** Mustang 1700, gas, Ford engine, extra clean	$3,950

Harvesting Equipment

* NH 315 Baler w/70 Thrower	$3,550
** NI 484 Round Baler, 5x4 bale, in use	$4,950
* NH 258 Rake	$1,750
* NH 256 Rake, dolly whls , rubber teeth	$1,675
* NH 254 SOLD edder	$2,475
** IH #35 rake, dolly whls	$1,875
** NI 323 super picker, extra clean & field ready	$2,275
*** NI 323 picker, SOLD e condition	$1,650
* JD 3800 chopper w/2RN head	$2,650
* Fox SPF chopper 3 RN head, hay head	$3,550
* MF hay head, fits 200 harvester	$450
* Fox 3RN head, belted	$850
* Gehl 2RN snapper head w/kit	Call for price
** Badger TA-54 Blower, extra clean	$775
* McCormick Grain Binder	$350

Planting & Tillage

* Case IH 185 4 row cultivator, like new	$1,550
*** JD 416 hyd. reset plow	$1,250
* IH 710 Plow 5-16", regular trip	$1,550
* White 348 reset plow, 3-18"	$2,250
* Oliver 3-16" cushion trip plow	$850
* IH 3 btm. semi mount, regular trip plow	$850
* Oliver 4 btm. semi mounted plow, regular trip	$975
* 8 Tooth chisel plow, depth whls	$1,150
* Kawanee 4 section rotary hoe, 3 pt	$675
* Brillion Packers 9', 10', 11' & 12'	$550 to $975
** Brillion 13' Packer	$1,895
* IH 12' Vibra Shank w/leveler, 3 pt	$975
* Glenco field harrow, 10'	$750
** IH 510 grain drill, 16 DD w/grass seed	$2,550
* IH #10 grain drill, 13 disc w/grass	$875
* McCormick 3 section spike harrow, like new	$395

Manure Handling Equipment

** NH 520 Spreader, hauled 1 load, T rod, TB, litter pan	$4,975
* Oliver Spreader, ground drive	$450
* Dunham Loader manure fork & 7½' bucket	$1,550

Miscellaneous

* NH 355 Grinder Mixer, scales	$3,550
** Artsway 425 grinder mixer w/scale	$1,850
* Century Sprayer 500 gallon	$1,250
* Century Sprayer 300 gallon	$775
* Pequea 6½ x10' tilt top trailer	$695
* Windpower Generator 18,000	$1,250
* Ezee Trail 8 ton gear, 11L tires	$750
* NI gear, bolster, 6 lug whls	$395
** MF Industrial Loader, fits MF 150, 165, 175	$850
* Ford 3 pt. post hole digger	$575
* Oliver Loader Fits 77 & 88 Tractors	$275
J&L Feeders Hay Savers	$725
* Double S Hay Feeders	FOB $595
* Farmco Feeders, 24' transport	$775

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NH 668 LH Tank Spreader
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NH 316 Baler w/Thrower
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NH 315 Baler Thrower
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NH 679 Manure Spreader
NH 519 Manure Spreader
Gehl 99 Blower
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JD 6400 MFWD w/Cab

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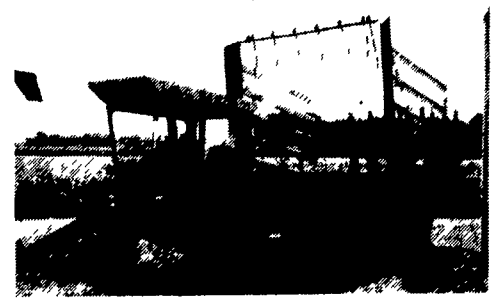

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Gehl 4510 Gas Skid Loader
Gehl 1200 For. Harvester, 2-Row Hd. & Hay Pickup
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Grimm Tedder, Ground-Driven

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Case IH Maxxum 5130 4WD w/510 Loader
Ford 4040 w/loader
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Cub Cadet 1572 Diesel w/60" Mower
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USED EQUIPMENT

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IH 800 6R planter
JD s SOLD spreader
Kuhn 200 Mower Conditioner
NI 353 Spreader
IH 440 Baler w/Thrower
Woods SOLD pt. Mower
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IH 311 Mower
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New Ford Compact Tractors 1120, 1220, 1320, 1520, 1620, 1720, 1920, 2120
Ford 8000, Rebuilt Eng., Good Condition
Versatile 276, 4WD, Cab
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Ford w/KD Forklift
Ford 4400 Tractor, Loader, Hoe, Good Cond.
IHC 3400 Tractor, Loader Hoe
IHC 2424 Tractor, Loader, Hoe
Case 580D, Tractor, Loader, Hoe
Selection Of New Eager Beaver Trailers, And Used Trailers
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PARTING OUT
Case 580B Tractor Loader
Case 450 Crawler Loader

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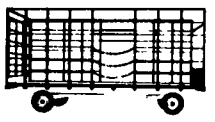

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JD 4430 QR trans. SGB, original $12,500
JD 4230 QR, new tires $10,800
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MF 2745, cab, air, 2046 hrs., duals $10,500
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JD 1640 SGB, Same as 2350 ..... $9,400
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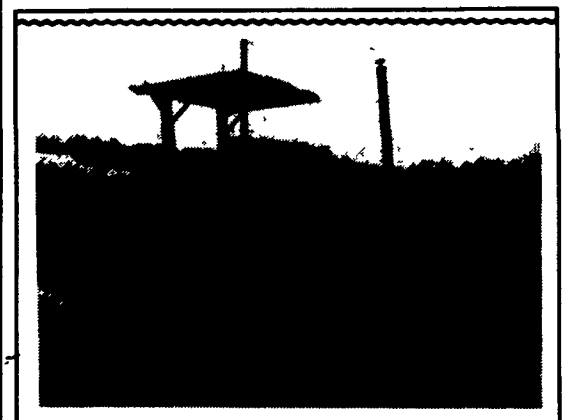

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5000, diesel, 8 spd., 1974, 3,800 orig. hrs., 1 owner
4610, 8 spd., 13.6x38, 1 hyd., 2,300 hrs., 1 owner
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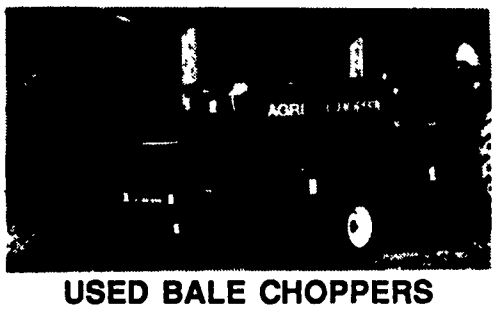

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MF 390 2 WD
MD 375 2 WD
MF 1035 4WD Ag Tires
MF 1020 4WD Hydro
MF 1010 2WD Turf

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MF 1045 4WD w/MF 232 Loader $13,600
IHF 966 Fender Tractor $6,800
MF 2135 Turf w/New Rotary Mower $4,895
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Ford 8N w/Loader & New Engine $2,895
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Farmall 400D
Ford 9N
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MF 165D
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NEW M&W 15' Heavy Duty Batwing Cutters
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Fox 2R Snapping Head
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White 6100 Planters,
1-6 Row In Stock

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1-White 445 Combination Chisel Plow 9 Pt Wide w/Subsoiler
1-White 281 Offset Disc 10'10" Wide 24" Blades
Special Price .$8,500

USED
White 2-155 w/cab, air cond , 2 remotes, 1137 hrs.
NH Model 469 Haybine $1,500

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Gallon 8-12 Ton Tandem Roller, gas, Runs Good..... $2,850
Trail-R-Pac portable trash compactor, 6 yd. capacity, gas $3,250
Gallon 104 Grader, Cummins Power, Cab, Good Condition..... $5,500
B-S 10-12 Ton Roller GM..... $2,750
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Tow Brooms Engine Power.. $3,250
Athey and Pettibone Belt Loaders From..... $2,500
Gas or Diesel - Some As-Is And Some Rebuilt
Gallon 9 Wheel Rubber Tired Roller, IH Gas, TQ, Asking $4,500
Huber Maintainer gas, TQ, front blade $3,850

AC 7040
CAH, Duals, Runs Well, New Water Pump
$5,300
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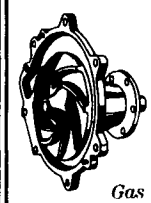
Spring Garden Repair



Isaac S. Stoltzfus
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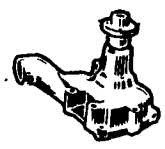
Kinzers, PA 17535



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TILLAGE
JD 4030 4 post w/quad, 2 remote, 80 H.P.
IH 710 4x16 plow w/gauge wheel
JD 1450 4x16 semi mount plow w/gauge wheel
IH 510 4x16 plow, gauge wheel, side hill hitch
IH 45 12' field cultivator, pull type, nice $1,250
IH 16' wheel harrow, hyd. fold, nice

MISC.
42' Little Giant elevator
NH 352 grinder mixer w/extended auger
Gehl 95 grinder mixer for parts
JD 54 manure spreader for parts
Farmall Cub power unit w/reduction Clutch, 8 hrs. since rebuilt
IH 1150 grinder mixer, for parts
NI 212, 3 beater manure spreader, good
JD 300 26' elevator w/motor
JD round bale grapple for front end loader
IH 110 Forage Wagon, 3 beater w/Roof, Nice $1,250
NH 354 grinder mixer w/extended auger
Gehl 65 grinder mixer, good
1 set of dual wheels w/tires, 14.9x28

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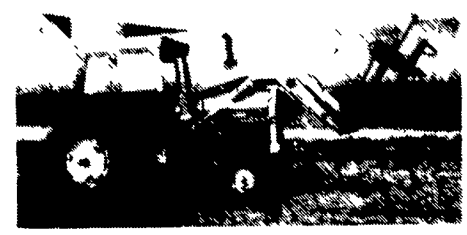
Ford 3910 4WD w/loader
Ford 501 off set, w/1R cultivator
Ford 4000D, S.U., 8 speed
Ford 445A Loader, 3 Pt., 4WD
Ford 7000 Dual Power
Ford 1220 4WD w/Loader
Ford TW20, 4WD, Cab, Air, Dual Power & Weights
Ford 7610 4WD Dual Power, ROPS, w/Canopy
Ford 2810 Series 2, 8 Spd. w/Loader
Ford 3600, 8 Speed, PS
Ford 8N, Rebuilt And Repainted
JD 350 B Crawler Loader
JD 850 w/6' Belly Mower
David Brown 1200
Case 411 w/3PT
Farmall 300, NFE, Fast Hitch
MF 35 w/Loader, PS, Live PTO

USED EQUIPMENT
NH 100 Bu. PTO Spreader
Badger Silage Wagon
York 8' Rake
Woods Cadet 84 Mower
NH 357 Grinder Mixer

SPECIAL OF THE WEEK



MF 1105, 12 Speed M.P., 3,755 Hrs., New Allied 790 Loader w/Bale Grabble And 84" Bucket
$10,900

IH 3088	$11,700
IH 574	$ 5,200
IH 574 w/Cab	$ 7,200
IH 244 w/7' mower	$ 4,400
IH 186 Hydro, Cab & Air	$12,000
Minn. Moline G1000	$ 4,500
MF 4840, 8 New Tires	$21,000
MF 2775 8 Speed, C/A, Duals	$11,500
MF 1150 w/Duals	$ 5,900
MF 1100, diesel, multipower	$ 3,200
MF 275, diesel	$ 5,900
MF 265, multipower	$ 6,500
MF 178, diesel	$ 3,200
Ford 2N	$ 1,500
JD 4440, 4x4 w/cab	$17,900
JD 2640, hi-l SOLD 46 loader	$10,500
JD 1520, diesel, hi-low shift	$ 5,500
JD 1050, 4x4	$ 8,500
JD 330 Diesel w/Mower & Blade	$ 4,750
Deutz Allis 6260	$ 6,800
Deutz DX160, 4x4, cab & air	$11,500
Deutz 130-06	$ 6,500
Deutz 130-06 w/Cab	$ 7,500
Oliver 77 diesel, SOLD ont	$ 750
Oliver 440 w/cultivator	$ 3,500
AC 7020 compact w/loader	$ 3,500
Case 1845C skid loader, nice	$10,900
JD 575 diesel skid loader, 1,300 hrs	$ 7,700
IH 4X Rollover Plow	$ 1,500
JD 2600 auto reset plow, 6 btm	$ 2,500
JD 110 Disk	$ 1,900
JD 400 Rotary Hoe	$ 1,300
Taylorway 7' Soil Saver	$ 3,900
Cultipackers 5' to 14'	$200 to $ 1,200
Oliver 3 Bottom Plow	$ 550
NI 325 12 Roll Picker	$ 3,900
Gehl 1580 Blower	$ 1,400
IH 120 Forage Wagon, Tandem Gear & Roof	$ 3,500
MF 9113 Flex Head, new	$ 5,200
MF 15' Flex Head	$ 1,900
MF 20' Flex Head	$ 1,900
IH Pickup Head For 720 Or 830	$ 700
1,500 Gallon Liquid Vacuum Spreader	$ 2,800
IH 7 Shank Auto Reset V Ripper	$ 4,900

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JD 3 Cylinder, 820 Diesel, needs engine $2,500
AC G w/1R cultivator $1500
IH 504 gas w/ mounted Chisiom Ryder, string bean picker
IH 3414 TLB $5,000
Case 580B TLB $6,500
Case Uni-Loader, As Is $1,000
Cab For 4430 JD
JD 435D As Is Rough $2,000
MF 150 Gas w/ Loader, As Is $2,500
IH B 414 Diesel, Rough, $1,400
JD 2010. Gas, Tri-Cycle, As Is $1,200
JD 720, Stuck $2,000 as Is
JD 40S & 40T As Is $1,500/Ea.
MF 135 & 1080
JD 544 & 544B Articulated Loaders
JD 440 Crawler, Not Running $2,000 As Is
IH TD9 Dozer $2,500
JD 2840

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Badger 2054 Silo Blower, excellent $2,900
JD 3940 Forage Harvester, new knives, good $6,800
NH 770 Forage Harvester $2,000
JD 500 Round Baler, good..... $3,500
JD 336 Baler w/thrower, good .. $3,800
NH 68 Baler w/thrower, average..... $1,500
Financing Available 6.9% for 24 Months

GRAIN DRILLS

JD 8300 Plain Grain Drill, 24x6 ..... $6,500
JD 452 Drill, 12' 1 yr. old ... $5,200

COMBINES & SHELLERS

NI 324 Picker Sheller, good $2,500
(2) JD 6600 Sidehill, good
JD 9600 Maximizer, excellent
JD 6600 Level Land, good
(1) JD 643 Corn Head
(2) JD 215 Flex Platform
(1) JD 653 Bean Head
Financing Available 6.9% for 48 Months
(2) New JD 9400 Combines-In Stock

TRACTORS

JD 4020 w/canopy, good $8,500
JD 3010, gas, NF, good $4,300
JD 2030, good $6,000
JD 2150 w loader, excellent $13,500
JD 4250, MFWD..... ..... . $37,500
Financing Available Till March 1, 1993

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USED EQUIPMENT
MH 101 Junior
Ford 110 3 btm. plow
Ford 2910
Ford 555A TLB w/extendable dipper extremely clean
MF 50
Farmall Cub w/48" Mower, Cultivator & Plow
IH 656 Hydro
NH 80 round bale mover w/push off
(2) NH 320 w/thrower
NH 275 baler w/thrower
(2) NH 273 baler, w/thrower
NH 315 w/70 thrower
NH 326 baler
NI 212 triple beater, nice
NH 513 w/endgate
NH 520 w/slurry side & end gate
NH 479 Haybine
JD 1209 Haybine
Gehl 2R forage head
NH 2R 717 R2 corn head
NH 770
NH 890 2R corn head w/windrow p/u
3 pt. wheel rake
'76 Dodge 800 truck rollback, 33,000 GVW, engine & trans. rebuilt within past year
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NI 364 spreader end gate & upper beater
Athens 28 blade model 131 disc

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COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines; Good Selection Of 4WD Combines.
JD 8820 4WD, Full Equip w/220 Flex.
JD 7720 Titan 2 w/215 Flex & 643.
JD 7720 4WD w/216 Flex & 643 Cornhead
1982 JD 6620 Side Hill w/Full Equip.
1981 JD 6620 Side Hill Combine.
JD 6620 4WD w/215 Flex And 643 Corn Head.
JD 6620 LL, 1 Owner, Full Equipment, $20,000.
(77) JD 7700, C A.
(75) 6600 D. Rotary Screen.
JD 6600 Gas w/443 Cornhead, As Is.
JD (77) 4400 D., C.A.
JD 4400D, CA Rotary Screen.
JD 4400 Gas, 13' Grain.
IH 1460, C A., Hydro, 4WD w/820 Flex & 863 Corn Head.
IH 1420 4WD w/810 Grain, 943 Corn Head, 4R Sunflower Head.
MF 850 C A., Charge Cooled, 4WD w/9118 Flex.
MF 850 C.A , Turbo, Hydro , w/17' Flex And 6R Cornhead
MF (78) 760 C.A , V-8, Hydro., 4 WD, w/2 Heads.
MF 750, Gray Cab, Air, Turbo Hydro, Real Nice
MF 760 C.A., Hydro w/2 Heads.
MF (76) 750 Cab, Air, Hydro
MF 750 C A., Hydro w/Grain & 63 Corn.
MF 550 C.A., Hydro., 4WD.
1980 MF 550 C.A., Hydro.
MF 510 Dsl. w/2 Heads
IH 915, Turbo Hydro, 4WD, w/810 Grain.
(77) IH 815 D., C.A. Hydro, 4WD w/810 Grain & 4R Corn.
(77) IH 715 Gas, Dsl. CA w/2 Heads, Real Nice. SOLD
IH (77) 715 D. C.A. w/810 Grain & 844 Corn Heads; IH 715 Gas, C.A. w/810 13' Grain; NH TR70 C.A. Hydro w/Cat Dsl.
IH 82 Pull Combine, Real Nice
N H. TR70 C.A. Hydro.
Gleaner N-5 w/15' Flex & 630 Corn (Needs Work)
Gleaner F2 D, CA, w/A430 Corn Head And 13' Flex.
Gleaner F Gas w/13' & 430 Corn.
NI 702 D. w/727 bed & 3R C.H.; NI 702 Uni w/727 And 735 Corn Head; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers; NI Uni 740 Feeder House; NI Uni 838 Husking Unit w/841 Feeder House.
CORNHEADS: JD 643 Oil Bath, 643 LP, 643, 444 LP, 443 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 453, 454 And 653 Row Crop Head.
I H. 983; 963; 863; 844; 833; 763; 744; 743; 327; 227.
Gleaner A638 Corn Head; ML 630; A C. GL 440, C440, A438 Black, F2, M430, Gleaner C430 C.H., F335.
M F. 1163, 1144, 1143, 63, 44, 43, 24.
N I. 738, 743, 744W, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404).
NH 974 N6; NH 974 W6; NH 962 N3 & 962 W4; NH 962 6RN; NH 924, 4RW; White 706N; Oliver White 4N; White 703.
GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid.
820 16½' Flex.
I H. 810-13' Thru 17.5' w/ Reg. or Floating.
M.F. 10'-16' Reg. or Floating Bar, A.C. E10'.
N I 713 Flex Or Rigid; NI 715 S Flex.
TRACTORS: Good Selection Of 4WD Tractors.
JD 2955 ROPS; JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals, JD 4850 C.A.P.S., MFWD, And Duals; JD 4650 C.A.P.S., Real Nice; JD 4450, C.A.P.S., MFWD, Real Nice; JD 4450, C.A.P.S., MFWD, Duals; JD 4450, C.A.P.S., MFWD; 1988 JD 4250 C A.P.S.; (85) JD 4250 C A.Q R.; 1985 JD 4050, C.A.P.S.; MFWD, Like New, JD 4050, C.A Q R., 1900 Hrs., Excellent Cond.; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR; JD 4050, ROPS, Power Shift; JD 2950 C A., MFWD; JD 2950 C.A.; JD 8640 C.A., 3 Pt., PTO w/Duals; JD 8440 C.A., 4WD; JD 4840 C.A.P.S., Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4840 C.A.P.S., w/Duals; JD 4640 C.A.P.S., 18x42 Duals; JD 4640 C.A., QR, Duals; JD 4640 C.A.Q.R., 18.4x42 Duals; JD 4640 C.A.Q.R.; 4640 C.A.P.S.; 1981 4440 C.A.P.S., 20.8x38 Radials, Real Nice; 1981 JD 4440 C.A.P.S.; JD 4440 C.A.P.S , FWA; JD 4440 C.A.P.S., 4WD; JD 4440 C.A.Q.R.; 1982 JD 4240 C.A.Q.R., Real Nice; (82) JD 4240 C.A.Q.R.; (81) JD 4240 C.A.Q.R.; JD 4240 C.A.Q.R., Nice; JD 4240 C.A.Q.R.; JD 4240 C.A. w/Creeper Trans; JD 4040 C.A.P.S., Real Nice; JD 4040, C.A.Q.R., Nice; JD 4040 Fender, Power Shift; JD 2940 MFWD; JD 2940 CA; JD 2940 MFWD; JD 2840; JD 1982 2440 w/146 Loader; JD 2040; JD 8630 C.A., 4WD w/Duals; JD 6030 w/cab, 30.5x32 Tires; JD 6030 CA duals, real nice; JD 4630 C.A.Q.R.; JD 4630 C.A.P.S. (Rebuilt Power Shift); JD 4630 w/cab, PS, 4WD; 4630 SR w/Cab & Air; JD 4630 Fender, Syncro Range; JD (77) 4430 C.A.P.S., 4WD; JD 4430 C.A.Q.R.; JD 4430 C.A.Q.R., 20.8x38 Radials; JD 4230 CA, Syncra Range, Nice; JD 4230 C.A.Q.R.; JD 4230 C.A.Q.R., As Is; JD 4230 ROPS, QR; 4430 ROPS, Syncro Range; JD 4230 w/Cab, QR w/Slight Fire Damage; JD 4030 Quad Range w/Cab; JD 5020 (Needs Motor Work); JD 4520 ROPS, PS; JD 4320; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; JD 4020 18.4x34 Radials, Real Good; JD 4020 18.4x34 Radials w/158 Loader; 4020 S.C., W.F.E.; 4020 PS w/Cab; 4020 WF, Powershift, Orig. Paint, New 18.4x34's; 4020 S.C., W.F.E.; JD 4020 Dif. Lock, 2 Hydraulics; JD 4020 Tricycle Dsl., Side Console, Nice; JD 4020 w/Cab, Real Good; JD 4020 Power Shift; 1972 JD 4000 w/Cab; JD 4000 D WFE; JD 4000D (As Is); JD (72) 3020 Tricycle Dsl.; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; JD 3020D, WFE; JD 3020 (As Is); JD 3020 G.; JD 4010 WFE, Nice; JD 4010 D WFE (As Is); JD 4010 Tricycle, Gas, w/Cab, Nice; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 3010 Gas, Tricycle; JD 3010 Tricycle, Gas; JD D 2510 Tricycle, Gas; JD 730D WF, 3 Pt., Original; JD 730D; JD 720 Gas w/3 Pt.; JD 520 w/PS; 1950 JD D.
IH 6588 2+2, Real Nice; IH 5488, C.A., MFWD, 20.8x38 Duals; IH 5488 w/Duals; IH 5488, C.A., Duals; IH 5288 C.A., w/20 8-38 Duals; IH 5088, C A , 2 PTO's, 3 Hyd.; IH 5088 C.A ; IH 3588 2+2, C.A.; IH 3388 2+2; IH 4786 C.A. 4WD, IH 1586 C A.; IH 1586 C.A (Needs Trans. Work), IH 1486 C.A. Duals; IH 1486 CA; IH 1086 CA, 3 hyd, 20 8x38 duals; IH 986 ROPS; IH 186 Hydro ROPS; 886 w/R.G ; F786; F686 Original; Farmall 86 Hydro w/2250 Ldr.; IH 4166 4WD, w/3 Pt. And PTO; IH 4166 C.A., 4WD w/3 Pt., Nice; IH 1466, C.A., 18.4x38 Duals; IH 1066 Year Round Cab w/ Air; IH 1066 w/Cab; F 1066 Fender, Original; IH 1066 (Needs TA); 1566 w/ Cab; 1466 w/Cab, 1466, C.A.; IH (76) 1466 w/ ROPS; 1466 Fender; IH 966 Year Round Cab w/ Air; IH 966; IH 966D, WFE, TA, 2 Hyds.; 966 Fender; F766 w/Factory Cab; 766 Fender Dif-Lock, New Tires; IH 784 w/2250 Loader; IH 784 MFWD; IH 684 Row Crop Utility; 574 D. w/Loader; Farmall 544 Gas, WF, 3 pt.; Farmall 856 Dsl.; F856; IH 856D (As Is); IH 826 Hydro w/ROPS; F826 (As Is); IH 806D, WF, 3 Pt.; IH 1206; IH 706 Gas (As Is); IH 560 Standard Dsl.; Farmall 560 Dsl.; Farmall 460G, Original; Farmall 350 Tricycle w/PS, FH; Farmall 140 w/ Cultivator; IH Super AV w/ Cultivator; Farmall A w/ Plow.
AC 8070 C.A.P.S. w/Duals; AC 8050 C.A.P.S., MFWD; AC 7040 C.A.; AC 7010 C.A.P.S., w/AC 470 Loader; AC 7000 Fender; AC 5040; AC 200 D original; AC 185, WFE, New Tires; AC D21 Series 2.
(86) Deutz Fahr DX 8.30A, 190 HP, C.A.P.S., MFWD, Nice, Deutz Fahr DX 830 C.A P.S., MFWD.
CASE IH.
Case IH 9130, C.A., 4WD, Like New; Case 7130 MFWD, 20 8x42, Duals, Like New; Case IH 7130, 20.8x42 Duals, 680 Hours, Like New; Case IH 7120 MFWD, 20.8x42 Duals, 900 Hours, Like New; Case IH 7120 MFWD, Real Nice; Case IH 2294 C.A.P.S., MFWD; Case IH 2294 CAPS; Case 2294, C.A.P.S., MFWD; Case 2294, C A.P.S.; Case 2094 C.A.P.S.; Case 2094 PS, Fender; Case 4890 4WD Full Equipment; Case 2590, C A.P.S., 20 8x42; Case 2390 C.A.P.S , Duals; Case 2290 C.A.P.S.; Case 2090 C.A.P.S.; Case 2290, C.A.P.S., Case 2090 C.A.P.S.; Case 1690 C.A , MFWD; Case 1390; Case 1370 C A P.S. (As Is); Case 970 CA; Case 970; Case 530 w/Power Steering And 3 Pt.
MF 3545, C.A., MFWD; MF 3545 C.A.; MF 2805 C.A., 24 Speed, w/Duals; MF 2705 C.A., 24SP.; MF 2705, C.A , 8SP ; MF 2705, C A.P.S ; MF 2675 C.A. 24-Speed; MF 1800 C.A., 4WD w/3 Pt.; MF 1150 w/Cab; MF 1150 Fender w/Duals; MF 1135 Fender; MF 1100; MF 1085; MF 235; MF 175; MF 165D.
Ford 1988 TW35 Series II CA, MFWD w/Duals; Ford TW25, CA, Real Nice; Ford TW10 w/Cab; Ford TW10, ROPS, Dual Power; Ford 7700 w/Roll Guard, Dual Power And Load Monitor; Ford 7700 ROPS, New 18.4x34 Tires; Ford 8600 w/Cab, Needs Motor Work; Ford 8000; 1951 8N; Ford 8N, Good Cond.
Versatile 500 4WD, Full Equip.
White 2-155 C.A., MFWD; 1981 White 2-135 Red Stripe, C.A., MFWD; WHITE 2-135, C.A.; White 2-105 w/Cab MFWD; White 2-105 C.A.; White 2-85 MFWD; White 2-150 ROPS, Good Condition.
Oliver 1655 D, WFE; Oliver 1655 D; Oliver 2050; Oliver 77 WF; MM G1000 Nice.
Flat Hesston 1380 C.A.
Steiger Bearcat 2 w/Duals & 3 Pt.; Steiger Bearcat w/3 Pt. & Duals.
Tractors & Equip. Just Traded:
Farmall M w/NI 319 Picker; Haybuster No-Till Drill; JD 750 Grinder Mixer; IH #40 4R Stalk Shredder; Oliver 1550 Gas; Haybuster No-Till Drill; Gehl 960 Box w/ Roof; JD 4020 Side Console, PS; IH 1586 R.O.P S.; JD 2840 ROPS, Like New; Lely Roterra; JD 920, 15' Cultimulcher; JD Stack Mover; JD 843 Oil Bath; Bush Hog SC900 Soil Finisher.

(New) NI 325 Corn Picker w/12 Roll Bed.

CORNPICKERS (4) NI 325 w/12 Roll Husking Bed, Real Nice, (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers, New Idea 325 Picker w/12 Roll Bed & Super Sheller, Real Nice, NI 325 w/12 Roll Bed, Good Cond , (4) (Used) 324-2RW w/12 Roll Huskers, NI 324 w/Sheller, Shellers & Super Shellers, NI 3 SOLD nt, NI 323 Nice, NI 323, NI 323 Picker, NI 330 3R Picker w/12 Roll Bed, JD 300 Picker w/243 Corn Head, Real Nice, IH 560 Ga SOLD ounted Picker
New N I 329 Super Sheller List $6700 00, Special $3,550, N I 330 - 3 RN w/Supershellers, 325 2RN w/Grinder
PICKER NI 319 2 Row Mounted Picker w/12 Roll Bed, NI 305 Mounted Picker w/12 Roll Bed
FORAGE EQUIP Forage Harvesters w/Choice of Heads
JD 5720 C A 4WD w/3R & 7' Hay Pickup, Real Nice, JD 5460 4WD w/3R & Hay Pickup, JD 5200 4WD, JD 3970 w/Spout Trak & Row Trak w/3R & Hay Pickup, JD 3970 w/7' Pickup, JD 3960 w/3R & 7' Pickup, Like New, JD 3960 w/2 Heads, Full Equip , JD 3940, JD 3800 Chopper, Hay Pick Up, JD 3960 w/3R Cornhead, JD 38 w/2RN & Hay P/U, JD 35 Chopper
NH 1895 C A , 2WD w/Auger Base, Hay Pickup, 3RN & 3RW Cornheads, NH 1890 4WD w/3 Row Auger Base & Hay P U , NH 1600 w/Metal Alert w/3R & Pickup, NH 900 Tandem Axle w/Metal Alert II w/824 Corn Head & 900W Pickup, NH 900 Chopper, Like New, NH 900 Chopper, NH 782 Nice, NH 782 Chopper, NH 718 w/Hay Pickup; IH 720 w/2R And Pickup, IH 781 Chopper w/2R & Hay Pickup, IH 830 Chopper w/2R & Hay Pickup, IH 830 w/3R Cornhead
NI 709 4WD Chopper w/3R & Hay Pickup, 717 Combine & 13' Grain
Gehl 600 w/2R & Hay Pickup, Gehl 600 w/2RN, Gehl 400 w/2RN
Hesston 7140 w/Hay Pickup
Field Queen Self-Prop Chopper w/ Cab And 2 Heads
NI 709 Uni, 4WD, w/767 Chopper
Fox Super D w/Cab 3R C H & PU
Fox 3300 w/2RN & Hay Pickup
Gehl CB 1200 Chopper
Balzer 1014 Hydraulic Dump Station
FORAGE HEADS NH 890A Auger Base w/890 N3 Corn Head, NH 824 Corn Head, NH 880 3RN Silage Head, NH 890 EN2 Snapper Head, NH 717-S Direct-Cut for 770 & S717, 890 EN-2RN Snapper, 770-1R Snapper, (3) NH 822 Silage, NH 890 w/2 or 3R C H , NH 890 2R Snapper Head, NH 890 Direct Cut Head, 1R & 2R Silage, NH 880W PU, NH 880 S Direct Cut, NH 974 4RN Corn Head w/Adapter Plate
J D 2 & 3R Snapper, 2 & 3 R Silage, JD 3RW Silage Head, Used 5½' and 7' Hay Pickups, JD 443 w/ Adapter Plate, JD 443 Low Profile Corn Head w/Adapter Plate For Harvester, JD 343 Cornhead w/ Adapter Plate, JD 243 C H w/ adapter plate, 3 JD C H harvester adapter plates, JD 6' Direct Cut Head
2RN for 650, NI 766 Hay PU, Gehl 2RN Corn Head, Gehl HA900 Hay Pickup
NI 768 WN 3R Corn Head, NI 763 3R Corn Head.
2 CSB 2RW - Snapper, 263-2 RW, 109 Hay Pickup
BLOWERS Gehl 1580, Farmhand Burr Mill Blower
FLAIL CHOPPERS IH #8, JD 16A Flail Chopper, Brillion 6R Stalk Shredder, Gehl 7200 Flail Chopper, NI 4R Stalk Shredder, Brillion 6R Stalk Shredder
SILAGE WAGONS JD 716A Tandem w/Roof, JD 716 Tandem w/Roof, IH 130 Tandem Axle w/Roof, JD 216 Wagon w/Roof, NH 8 Wagon w/Roof
HAY EQ., BALERS IH 8540 Baler w/ Thrower, Real Nice, Deutz Allis HD 490 Baler w/Thrower, Like New, JD 467 Wire, JD 347 Baler w/Thrower, JD 347 w/Thrower, JD 347 w/Thrower (As Is), JD 337 w/#40 Ejector; JD 337 w/ Thrower, JD 327 Baler w/ Thrower, JD 327 Baler w/ Thrower; JD 24T w/#30 Ejector
Ford NH 326 Baler, 3 Yrs Old, NH 316 w/#70 Thrower, Nice; NH 425 Wire Tie Baler; NH 320 w/New #70 Thrower, NH 320 Baler w/70 Thrower, NH 316 w/#75 Thrower, Real Nice, NH 315 w/70 Thrower, NH 315 w/Thrower, NH #75 Ejector, Hesston 4600 In-Line Baler w/Thrower, IH 435 w/#15 Thrower, IH 425 w/#15 Thrower
ROUND BALERS JD 410 NH 849 w/ Auto Wrap, NH 848 w/Memory Wrap, NH 851 Rd , NH 847 Auto Wrap, Real Nice, NH 847 w/Auto Wrap Like New, NH 847 Auto-Wrap, NH 847 w/Auto Wrap NH 846 Auto-Wrap, Gehl 1850 IH 2400, IH 241, NI 456
RAKES.
NI 406 Hyd Drive w/Dolly Wheel, JD 660 Rake w/Dolly Wheel, NH 256, (New) PZ 420 Rake, Grimm 4 Star Tedder, Deutz Fahr 252 4-Star Tedder, Deutz Fahr KH 700 6 Star Tedder
Ford NH 144 Windrow Inverter (Demo)
Pequea 466 Windrow Turner
Gehl 3 Pt Bale Mover
HAYBINES. Ford NH 1496 C A Hydro w/New Rolls, (1982) NH 1495 D C A Hydro, 800 Hrs , NH 1495 Gas w/Cab, NH 1495 Gas Haybine, NH 499 Hydro Swing, 495, NH 489 Haybine, Nice, 489, NH 489, NH 479, NH 478, Nice, 478, NH 477, NH 472, JD 1327 Discbine, Real Nice, JD 1219, Deutz Allis SM-70 Discbine, IH 1490 12 Center Pole Hydraswing Case IH 8340 Haybine, Used 1 Year New MC 7E, NI 270 Cutditioner
BALE WAGONS NH 1005 and 1010, NH 1012, NH 1030, NH 1033, NH 1002
PLANTERS (2) JD 7200 6R Planters Full Equip , JD 7000 8 Row Planter w/Dry Fert , JD 7000 6R Dry Fertilizer w/ SOLD Good Condition, JD 7000 6R Cons Dry Fert , JD 7000 6R Cons Liq , JD 7000 6R Corn Planter, Dry Fert JD 7000 6R Planter, JD 7100 6R Planter, 3 Pt , JD 5R Splitter w/ No-Til, JD 7000, 6RW Plate Planter, JD 7000 4RN, Fully Equipped, Real Nice, 7000-4R Dry & Liquid, JD 7000 4R Plate Planter, IH 800 6R Planter, IH 800 4RN Liq Plate Planter, IH 56 4R Planter, Hiniker 4R Econotill, No-Till, w/Kinze Units
DRILLS. Lilliston 9690 10' No-Till Drill, Real Nice, Lilliston 9690 10 No-Till, Lilliston 9670 8' No-Till, Tye 12' No-Till Drill, JD 8300 24x6, JD 8300 18x7 w/Grass Seed & Press Wheels, Real Nice, JD 8300 21x7 Single Disc Drill, JD 8300 Drill, 21x7 DD, JD 8350, JD 1500 3 Pt Power Drill, JD 9300 Tandem Drills, Tye 24x6 Drill, IH 5100 24x6 w/Grass Seed & Press Wheels, Real Nice, IH 5100 21x7 DD w/Press Wheels, IH 5100 24x6 Single Disc w/Grass Seed, Like New, 510 24x6 Double Disc, (New) Brillion 10' Transport Seeder, Brillion 10 Seeder w/ Transport, Brillion 10' Transport Seeder
GRINDERS/MIXERS NH 357, NH 354, Bearcat Roller Mill NH 396 Tandem Axle Tub Grinder
TILLAGE EQ. IH 710 3X 18" Spring Reset, IH 710 3X Semi, JD 845 4X Roll-Over, JD 1250 4X, Real Nice, JD 1250 4X Plow, JD 2600 4X, JD 145 4X Plow, JD 1450 5x18 Plow, JD 2600 4X Trip Plow, IH 720 5X Reset, New Taylorway Pittsburgh 5X 18" Spring Reset, White 549 5x18" Plow, IH 700 6X Auto Reset, IH 720 6x18 Plow, IH 720 6X Reset Plow, IH 720 6x16 Spring Reset On-Land, JD 2700 6X Plow, JD 2800, 6X, On-Land Case 400, 6x18 Spring Reset On-Land, (2) JD 945, 5X Semi Rollover, (2) JD 2800S, 7X, JD 2800 7X On-Land, IH 710, 7X On-Land, JD 2800 7X On-Land, JD 3600 8X Spring Reset, On-Land JD 2800 8X Plow
CHISEL PLOWS. IH 55 9 Tooth, Brillion 10', JD 1600-12 , Brady 12' Chisel Plow, JD 1600 12' Pull Type, AC 1600 14' Pull Type, AC 13' Chisel Plow, Bush Hog 10' w/ Buster Bar
DISCS. Miller 11' Offset Disc, Miller 10' Offset Disc, IH 770 10' Offset Disk, Like New, IH 770 20' Hyd Fold Offset Disc, JD 110, JD 110 14', JD 210 14' Disc, Real Nice, JD 230 13' Disc, JD 1630 11', Oliver 242 14', JD 215 Disc, JD 215 Disc, JD 310-14', Kewanee 15' Rock Flex Disc, Real Nice, IH 500 15' Disc, Miller 12' Offset Disc, White 15' Offset Disk, Krause 1587 17' Center Fold Rock Flex, IH 496 18' Hyd Fold w/New Blades, Dunham Lehr 34-20' Rock Flex Disc, JD 235 23' Fold Disc, JD 230 24' Hyd Fold Disc, JD 235, 25' Disc
MULCH TILLERS. Glenco 7 Tooth Stretch Frame Soil Saver, Real Nice, JD 1710 11 Tooth Mulch Tiller, Glenco 9 Shank Soil Saver Bush Hog 13' Soil Saver, Glenco 18' Fold Soil Saver, Glenco SS18 Fold Soil Saver
CULTIMULCHERS (NEW) Brillion 21' Flat Fold, Chattanooga 10', JD F950 12 , Brillion 15' Cultimulcher, Brillion 12' And 15' Cultimulchers Brillion 13 Ft Cultimulcher, Brillion 13', Brillion 14' Cultimulcher, Dunham Lehr 15', IH 315 15'
CULTIVATORS JD 4R Front Mount Cultivator, JD AT 40 4R Front Mount Cultivator, (2) 4R S-Tine Cultivators (2) Westco 6R S-Tine Cultivators, JD 6 Row Cultivator JD RM 6R, IH 65 6 & 8R Front Mounted Cultivator, Oliver 6R Front Mount, JD 8R Cultivator, 8R S Tine Cultivator; JD 1010 28' Hydraulic Fold Field Cultivator, White 283 20' Hyd Fold Harrow, Brillion 23' Hyd Fold Field Cultivator, Brillion 14' Field Cultivator, MF 14' Field Cultivator; IH 12 3 Pt Field Cultivator
MISC Brillion 15' Packer, Brillion 12 & 14' Packers JD 400 15' Rotary Hoe, JD 400 20' Rotary Hoe, JD 400 15' Rotary Hoe, JD 414 14 Rotary Hoe, Brillion 12' Double Packer, IH 14 9 Shank Spring Reset V Ripper, IH #11 5&7 Shank Spring Reset V-Ripper, Tebben 7 Tooth Pull Type Subsoiler
INDUSTRIAL IH 3444 Diesel Industrial Tractor Loader w/3 Pt And PTO IH 3616 Dsl w/Ldr IH 510 4WD Payloader Long 1199A 3 Pt Backhoe New Arps 740 3 Pt Backhoe, MF 2200 Dsl Forklift As Is, Oliver 551 Forklift
1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, AC 715B L & B IH TD14, Angle Blade, $2 995 JD 450C Crawler Loader, JD 555 Crawler Loader 4 In 1 Bucket For JD 450
SKID LOADERS Gehl 4610 Dsl , Case 1835B, Case 1845 Gas, C SOLD , Case 1830, 1987 Melroe Bobcat 743 Dsl Case 1740 Dsl , JD 170
LOADERS & BLADES JD 58, 145, 148, 280, C SOLD 0, IH 2455 Loader, IH 2355, Like New, Case IH 2255, 2250, Farmhand #258 (JD 4230), Artsway HD loader for 4WD, Westendorf 64L, AC 470 Loader, Ford Ldr For 8000 Etc , JD 8' Dozer Blade For 4430 Etc Leon 12 Heavy Duty Front Blade, Amco 905 Heavy Front Blade, York 8' 3 Pt Stone Rake, JD 155 9
LAWN & GARDEN JD 1050 MFWD w/PS & JD #75 Loader 1988 JD 1050, R O P S , 2WD, JD 950 w/ Loader, JD 950, R O P S , 2WD, JD 850 w/Belly Mower JD 650 2WD w/Front Blade, Kubota 185 w/Woods Mower, Kubota B6200 MFWD w/Loader & Woods 400 Mower, Kubota G5200 w/Mower Satoh 650 w/Loader IH 284 w/3 Pt , Nice, JD AMT 622, JD 600 AMT Ford 1300 Dsl w/Belly Mower, Gravely 9000 Commercial Mower, Simplicity Dsl JD 600 5 Wheeler, Cub Lowboy, Cub 184 w/Mower & Creeper Trans Cub Lowboy w/Mower, Farmall Cub w/Equip Cub Cadet 782 Diesel, Like New, Cadet 1862, JD 935 D w/Front Mower, JD 400 w/ Cab & 3 Pt , JD 332D, JD 318 317, 214 212, 210 160, JD 318 Blade & Snow Blower, (New) Johnson Loader For Cub Loboy, Snowblower For JD 300 Series New Yanmar YFL 1000 Ldr
ROTARY CUTTERS JD 1508 Wing Cutter, Sunshine 6', Servs 15 Hardee Ditch Cutter
SICKLE MOWERS NH 450, IH 1300
MANURE SPREADERS. New H&S #310 Tandem Axle Spreader, New JD 450 Push Spreader, Martin 1678 Tandem Scavenger Spreader, Badger 5800L 1500 Gal Tandem Tank w/Vacuum, Better Bilt 1500 Liquid Spreader, Clay 1500 Gal Liquid Spreader w/Vacuum, JD 450 Hydra-Push, NI 354 Tandem Spreader, Martin V3300 Tandem Tank, NI 212, NI 12A

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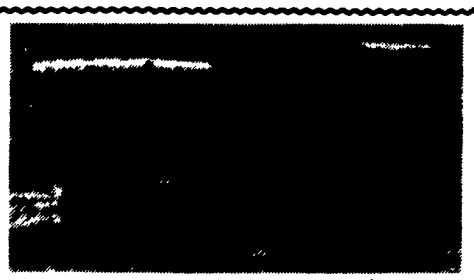

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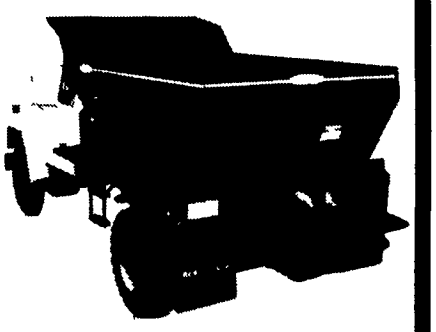

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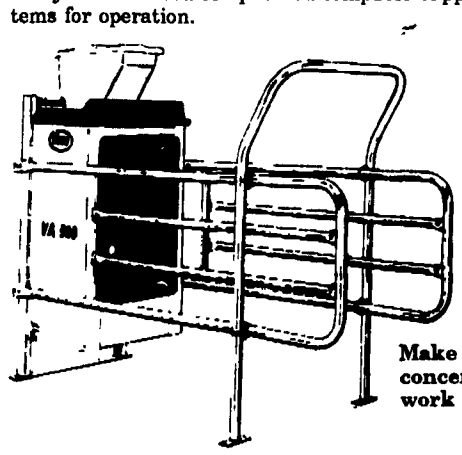

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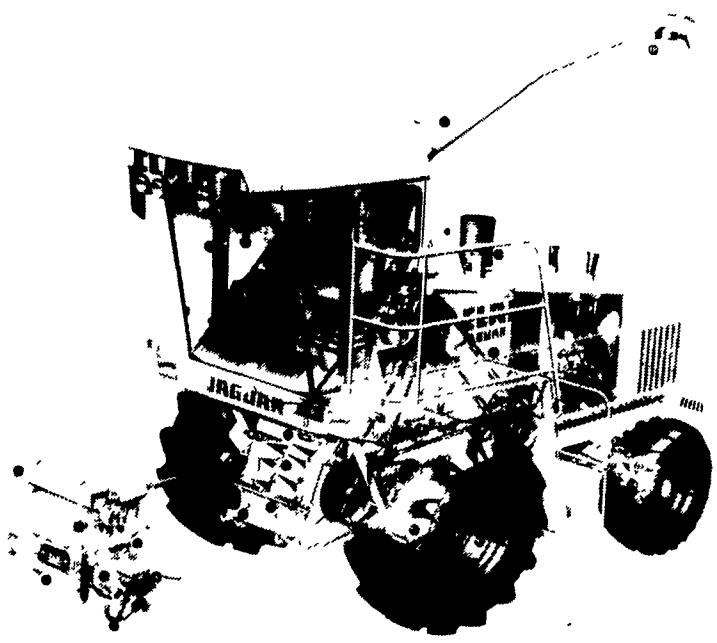

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Vicon 17' Field Cultivator	

FEEDING & MANURE EQUIPMENT

FarmMaster 140 Stationary Mixer Stainless Steel	**$5,500**
Gehl 533 3300 Gal. Slurry Spreader	**$6,000**
NH 791 Tandem Axle Manure Spreader	**$2,700**
New Betterbilt #2500 Tank Spreader	

USED COMBINES

Year	Model	Price
'81	860	**$19,500**
'80	750	**$11,500**
'77	300 Dsl.	**$3,800**
'77	750	**$9,500**
'77	760	**$4,000**
'75	760	**$4,000**

Just Traded
Three 860 Combines
Call For Details
We Repair Grain Table Augers

MISC. EQUIPMENT

York 75 HP Scraper Blade	**$1,075**
New 14 Ft. Belt Elevator	**$1,175**
IH 2255 Loader	**$2,200**
JD 520 field sprayer	**$700**

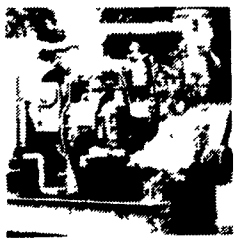
MASSEY-FERGUSON

M.M. WEAVER & SONS, INC.

Leola, PA 17540 **Phone: (717) 656-2321**

Located 4 miles West of New Holland on Rt 23, 1½ miles Northeast of Leola on the No Groffdale Rd 1 mile on the right, opposite Groffdale Mennonite Church

Detroit Diesel Power Units



Sales & Service

Rebuilt & Used

50-500 HP - 53-71-92-8.2 Series

- 453N - 140 HP Eng., Gd. Used..... $1,850
- 6V53N - 195 HP Eng., Gd. Used $2,250
- 471N - 125 HP Eng. Overhauled $3,000
- 6V92TA - 335 HP Eng. Overhauled... $4,000
- 471N - 125 HP Powerunit Rebuilt $6,500

Long Shaft Clutch

- 271 - 60 HP Power Unit Rebuilt..... $4,000
- 353N & 453N Rebuilt Exchange .....Call
- 471N & 671N-871N Rebuilt, Exchange .....Call

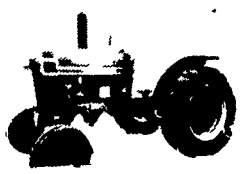
Diesel Engine Service

Ephrata, PA

Phone 717-733-3890

Fax 717-738-3146

Leaman Tractor Parts



329 Brenneman Rd.
Willow Street, PA 17584
(Lancaster Co.) 717-464-2874

Fax 717-464-4130
DEALERS INQUIRIES WELCOMED

(Turn Left on Brenneman Rd. from 222 S at Refton)

Seasons Greetings from all of us at Leaman's Tractor

USED TRACTORS

IH 1568 cab, air, very clean
IH 1066 red cab w/2090 hrs., fully equipped
Heagey sprayer, model 647, 318 Chrysler engine, 4 WD, hydro, very low hrs. (Showing some weather)
IH 4156 Cab w/Air, 18x34 Tires, Very Good Condition, PTO Available
Case 900 Diesel w/or w/out Steel Wheels
Complete MFD Axle to fit JD 5020
PFA from JD 4430 (Hyd. Type)
AVAILABLE: JD 1050 MFD w/#75 Loader, 900 Hrs., Excel. Cond. $10,200
IH 766 Gas, WF, 38" tires, 3 pt. very good condition
Farmall 450 Diesel, Runs Great, No TA
IH 1026 hydro, 18x38 tires, dual hydraulics & PTO, excellent condition
IH 1466 cab, air, 1976 model, very good condition
Several WF ends to fit IH & JD tractors $350 to $750

COMBINES AND HEADS

JD 4400 Gas, 2600 Hrs., 13' bean head
JD 213 grain head ridgid pickup reel
JD 224 Black reel flex head
Final Drives For JD 8820 and 7720
Complete heavy duty dry axle including final drives for under 7720 combines WILL VIRTUALLY ELIMINATE FINAL DRIVE FAILURE ON THESE MACHINES

ENGINES

IH D-282 fits 560, 656, 706
Perkins 640 cu. in. V8, short block or long block
IH D-310 fits 706, 756, 716 combines
Cummins KTIA (1155), one new block and 4 recon heads
Cummins 290 small cam, needs rebuilt

COLLECTORS

JD 8020 serial #1074, complete, running condition, where will you find another?
M Harris loader w/SOLD bucket, will fit 44 & 55
IH 350 high crop diesel, good shape, only 29 built
M Harris 55 gas SOLD rn special
1911 Minneapolis 20-45, 1 of 4 known to exist, older restoration
JD BHN Serial #46180, unstyled
JD BWH Serial #57881, unstyled
These tractors are very low production, very rare restorable tractors $34,000/Pair... Call For individual pricing
JD 430 vegetable, serial 3161016, good restorable condition
Some of these tractors are not at our location yet...Call to confirm

STRAW BLOWER PTO driven, $1,400. 410-833-9091

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales = Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

WANTED. Litter pans for NH spreaders: 519, 520, 679, 680. 717-949-3074 or 703-879-9926

WATER PUMP Gorman-Rupp 6" w/Ford diesel, runs excellent, $1,500. 410-833-9091

Tractor Tire chains size 15 5x38; 5hp gas air compressor; pickup cap for full size pickup 410/343-2062 leave message.

White 4-180 and 4-150, both w/3pt and PTO and duals, $8,000 and $10,500. (717)867-4896.

Wind Damaged Grain Bin, 15'x4 rings high, complete w/sweep auger and 6" unloading auger, needs only few new panels, asking $1500. AC forklift, 3,000 lb. lift, good condition, $1000. 215/445-6976.

Wanted used Lister diesel engines and parts. Will pay you more money for your used or junk Lister engine that you can get junk price Give condition and price Distributor for Lister Petter Diesel Engines. Write or Call 717-483-6446. Bylers Diesel Refrig. HCR61, Box32, Belleville, PA 17004.

All Combines Sold— Free Parts For One Season If In Our Parts Lot.

Dismantling For Parts:

Combines, Cultivators, Discs, Drill, Harvesters, Haybines, Mowers, Pickers, Planters, Plows, Spreader, Tractors

Combines for Salvage

IH: 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 101, 82, 80, 76, 74. JD 7720, 7700, 6620, 6600, 4420, 4400, 3300, 105, 95, 55, 45, 40 MF: 760, 750, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, F, F2, L, M, M2, K, G, E, C, C2, A, 60, 66 Oliver. 7600, 545, 535, 525, 430, 40, 35, 33. NI: Uni, 710 Combine, NI 717, Huskers, 705, 702, 701, Combine shellers & harvesters. Case 1160, 960, 700, 660, 600. NH 1400, 975, 985, TR70. MM 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads, grain savers, 1984 JD 6620 side hill w/heavy steering axle.

Parts For IH 1440, 1460 Rotarys & 717 Combine | **NI 802 w/Harvester** | **JD 6600 & 6620 Side Hills**

Financing or Lease Available

COMING IN
1981 AC, N5 Rotary Combine w/6R 30" Corn, 15' Flex
1978 JD 6600 Side Hill, hyd. diesel, 2600 hrs., w/6R 30" corn & 215 flexhead, real nice local combine
JD 7720 hydro diesel, 1800 hrs., w/6R 30" low tin, 4R 38" high tin, JD 216 grain head, right out of corn
NH TR 85, hydro, Cat diesel, choice of heads

COMBINES

IH 315 w/Grain, 3R 30", 2R 38", out of field
NH TR70 Cat diesel, hydro, choice of grain 4R or 6R 30"
NI 717 combine & grain head
AC F2 diesel turbo, hydro, roll up auger w/heads
AC F2 diesel, gear drive, choice of heads
JD 4420 diesel, big rubber, choice of corn & grain heads, nice
JD 6620 diesel,hydro, $15,000
1978 JD 7700 hydro turbo diesel, choice of heads
AC A2 w/grain & 2R & 3R 30"
AC E w/grain & 2R or 3R 30"
AC M2 w/grain & choice of 6R or 4R corn
Oliver White 7600, gas, hydro, w/ grain 4R 30", 6R 30" corn
NI 702 uni, gas, cab w/710 combine, husker & 2R head
JD 7700 dsl. gear drive w/heads
JD 6620 hydro, diesel, level land
1979 JD 4400 3000 hrs, nice
JD 4400 diesel w/heads
1979 JD 4400 diesel, choice of heads
JD 105D w/6R 30" corn & grain & 4R
JD 55 sq. back w/grain head & 30" 3R corn
AC F-2 diesel w/heads
1976 AC F diesel w/4R corn & grain
1976 AC F D w/choice of heads, big rubber, nice
AC F diesel SOLD ver w/heads
AC F diesel, new motor w/heads
1979 MF 550 hydro D
MF 550 diesel hydro, gray cab w/ heads
MF 510 diesel w/grain saver 4R 30" corn & grain, $3,675
MF 510 diesel, hydro w/heads
MF 760 diesel, turbo, hydro, choice of heads
MF 35 SP w/8' grain & 2R corn
(2) IH 82 pull type auger feed, nice
IH 93 w/10' head, nice
IH 205 w/cab, grain & 2R, nice, 3R 30"
Late IH 715 w/German diesel & heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
1980 IH 1 SOLD row & heads
IH 715 hydro diesel w/grain & corn
NH TR70 Ford diesel, choice of heads
6R 30" CH or 4R 38" CH

GRAIN DRILLS

Coming In (2) JD 8250 w/grass seed, fertilizer, hooks together, Tandem hitch, like new
IH 5100 DD w/grass seed & press wheels, nice
Ontario single disc w/fertilizer & grass seed
JD F88 w/grass & fertilizer

SPREADERS

NH Tank Spreader
NI Tandem
NI Single Beater
Martin auger front spread tandem wheels tractors
NI 213 Single Beater
NH 667 tank rt hand throw
NH tank spreader, rt hand, cheap

LOADERS

AC D15-D17
Case IH 2255 Mount-O-Matic, In The Crate Never Mounted
IH 2000 loader
Snow blades for loader or front mounted
IH fits Super M
IH w/2 hydr buckets off MF 65
JD dozer blade like new fits 4020 to 4840 & other tractors
JD 45 for 2 cyl tractor, real nice
JD 45 loader
NI w/hyd. bucket
MF 65 ldr

EXTRA CORN HEADS & GRAIN HEADS

IH 3R 30" fits IH 205 or 315
NH TR75, & 85 4R 30", Nice
NH TR75 & 85 flex 16' head
AC F, F2 ridgid grain heads
JD 3R 30" for 3300 or 4400
NI 713S Flex, 13'
(2) JD 4R sunflower & beam heads
JD 215 Flex w/AC M, & L hookup
JD 6R 30" for side hill
White 4R 30", 4R 38"
AC L, M 13' Grain
JD 216 Flex
JD 220 20' flex, nice
JD 213 13' flex & ridgid
JD 215 15' flex & ridgid
IH 810 flex & ridgid
White 8600 15' flex
MF 20' flex & 15' flex U2 reel
NI 11' ridgid & 13' flex
IH 844 4R 38"
MF 6R 30", 4R 38", 4R 30", 2R 38", 3R 30"
AC 6R 30", 4R 30", 4R 38", 4L or M
AC G Combine, F Combine, 4R 38"
IH 203, 205, 315, 2R 38"
IH 615, 3R 30"
JD 45, 55, 3R 30"
JD 105, 6R 30", 4R 30", 4R 38", 6R 30"
NH 4R 30", 4R 38", & Grain heads
Lots of other heads in stock

MOWERS/ ROTARY MOWERS

AC trailer type belt drive
(2) JD 6' pull type
JD 7' trailer, offset wheels
3 pt. 6, 7 & 8'
JD 10' 1408, 3 pt
JD 15' #737 rotary mower
Also pull types
Rotary mower
Ford 7' 3PT
IH 3PT belt drive
IH 14' #60 flail stalk chopper
NEW 11' rotary mowers HD up to 125 HP

GRINDER/MIXER

NH 354 w/extended auger, nice $3850
NH 352 $1850
NH 358 long extension auger
IH 1150 $1875

BALERS

MF 1560 Belt Round Baler, $4,500
NH 851 Round Baler
NH 851 Auto Wrap Round Baler
Gehl 1500 Belt Round Baler
IH 241 Belt Round Baler
IH 241 belt round baler
JD 24T, w/Chute, Nice
JD 346 wire tie w/chute
NH 852 round baler auto wrap
NH 68 w/Chute, $450

GOOD RUNNING MOTORS

Tractors JD 4440, 4240, 4320, 4020, 4010, 2840, 2510, 2010, 2020, 1010 IH 1066, 966, 856, 806, 756, 706, 656, 560, 460, 400, 450, 584, 574, 664, 544, 504, 340, 300, C, H, M AC D15, D17, D19, WD, WC, XT 190, 210, 220, CA, C Case 530, 300 Ford 8N, NAA, 800, 871, 3000, 4000, 5000
Combines JD 7720, 7700, 6620, 6600, 4420, 4400, 3300 IH 1460, 1440, 915, 815, 715, 615, 315, 205, 203 AC L, M2, F, C2, G, E MF 760, 750, 510, 410, 300 NI V6 gas & diesel

(2) IH 6 cyl gas w/clutch
Chrysler Ind 8 cyl w/clutch
6 cyl Hercules w/clutch

CORN PICKERS

NI 324 2R 38", 12 roll bed, nice
NI 323 1R $1,225
NI 323 1R $1,450
NI #10, nice
NI 323 1R w/rubber rolls $1500
NI #311 2R 38" Pull Type
Woods 1R pull type
NI #7 1R Pull Type
NI 702, w/husker, 2R head
(2) NI 12 roll beds for 324, 325 pickers
NI 310 1R
JD 300 w/2R, 30"
(2) NI 324 2R, 38"
NI 325 2R, 30"
Farmall 460 gas w/IH mt., 2R

35 DISCS & ROLLER HARROWS

Kewanee 18' wing rock flex
JD 230 Rock flex, 22' double hyd. fold
White 18' wing disc
(2) JD 360 14' offset
Bush Hog 12' offset
JD RBW 12' plowing disc
(2) JD 360 14' offset
Bush Hog 12' offset
JD RBW 12' plowing disc
(2) JD 220 18' center fold
(2) IH 500 13' & 14'
(2) JD 210 13' disc
Birch 24' double fold disc
White 18' wing disc
Lots of other makes & models

MISC.

NI 36' bale & grain elevator
(3) IH semi & trailer belt drive
IH fast hitch mower
JD elevator w/drag elevator
(2) 24' elevators
New Case backhoe loader bucket
IH & JD mowers
20' grain or feed elevator, $250

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert Spreaders
Cement Mixers

HARVESTERS & UNLOADING WAGONS

IH #8 Flair Chopper, Nice Shape
(2) bin corn wagons, $600, $800
Fox 2300 & 2R cord belt type
IH 781 w/2R & pickup
Gehl 300 w/1R & pickup
NH 717 2R 30" cornhead #742
Badger 3 beater tandem wheels, unloading wagon w/roof
Gehl 3R harvester head, $750
Gehl CB800 w/2R 30" corn
IH 720 w/2R corn & pickup
Papec w/2R corn & 2R snapper
IH #6 Flail Chopper
IH 720 w/2R 30" or 38" Corn Head
JD 15A 5'
JD 16A Flail Chopper
Gehl 600 w/1R
NH 890 & 880 P/U & corn head
NH 38 6' flail chopper
NH 2R 30" corn head, $500
JD 38 all elec controls
JD 38, 2R, & pickup, $1,500
JD direct cut for 38 - 3800 - 35
JD 2R for 38 - 3800 - 35
JD 16A flailchopper
IH direct cut for 50 - 555 - 550 - 650
Coby 3 beater unloading wagon w/roof
Badger 3 beater, roof unloading wagon
JD 216 tandem wheel unloading wagon

60 PLOWS

DM 3 pt, 12T chisel plow
IH 700 4 bottom, 16" trip, nice
2 & 3 bottom 3 pt plows
JD 3 pt 4 bottom 18" or 3 bottom 18" roll over
(3) JD 1450 5 bottom 16"
(2) JD 1450 5 bottom 18"
JD 1450 6 bottom 16"
(2) IH 540 4 bottom 16"
(2) IH 550 5 bottom 16"
(2) IH 720 6 bottom 18" spring reset
(2) IH 710 5 bottom 16" spring reset
(2) JD 2500 5 bottom 18" spring reset
JD 2500 6 bottom 18" spring reset
JD 2700 8 bottom 18" toggle trip
IH 720 6 bottom 18" toggle trip
(2) IH 4 bottom 16" trip
(2) JD 4 bottom 16" trip
Lots of other makes & models

WIDE FRONT ENDS & DUAL WHEELS

WF Ends: IH: 460, 560, 706, 806, 856, 756, 1256. AC: D19. Ford: 5000. MM: G1000. Oliver: 88, 1800. JD: 2510 thru 4020, 4020 WF. 2 sets of 1834 duals.

TRACTORS

AC 185 diesel
IH 574 diesel, row crop, nice
Farmall Yellow Cub w/belly mower
IH 574 52 HP diesel
Farmall 656 diesel, real nice
Farmall 560 gas, NF
Farmall 504 gas, WF
Farmall 400 diesel, PS, real nice
JD 3020 diesel, PS, WF, side console
Farmall M, good shape
Ford 7000 turbo diesel
JD 2010 diesel nice
JD 4010 diesel, WF
IH 560 diesel, $2950
IH 560 diesel, $3500
IH 806 diesel w/3 pt. standard $4950
IH 424 gas, power steering
JD 2010 Gas
MF 2244 Crawler Loader w/4N1 bucket
3 cyl. Perkins Diesel
Farmall H $850
Farmall 806 Diesel, turbo w/3 pt, $5500
IH 806 diesel, fast hitch, $3875
IH 444 gas, 3 pt, PS, $4350
David Brown 990 diesel, runs nice $2600
IH 560 D extra sharp
IH 400 gas w/pulley
IH 340 Crawler Loader w/4-N-1 Bucket
Farmall 706 diesel
Ford 600 Forklift
Oliver 1650 diesel WF
Farmall 656 gas, WF, $3,950
JD 40, 3PT, WF
Cat D4 dozer w/hydra 9' blade & winch
1953 Ford NAA, $2,950
IH 424 gas w/ or w/o loader
IH 450 gas, power steering & fast hitch, $1750
Int. 3414 ind. diesel w/loader PTO, 3PT
IH 656 diesel, WF
IH 450 G P/S, fast hitch, nice
JD MT
(4) Farmall F20 2 motors stuck
1939 Farmall H, $1175
Oliver Super 88 WF
Oliver 88 gas
Oliver Super 66
Oliver 66 gas, nice
Oliver 880 gas WF hi/lo range, nice
Oliver crawler w/roll guard
Ferguson 30, 3PT, $1,950
MF 135 w/power steering
AC HD5 diesel crawler loader, now in use
AC 185 diesel, nice
Oliver OC3 crawler, wide track & PTO
Case 4WD Pay loader, $3,000

CULTIVATORS

6 or 8 row hyd. fold
4 & 6 row
JD 3020 4R front mount

Tractors for Salvage

IH TD5 Crawler, 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, T, 544 Hydro, 544 Gear, 504, 404, 460, 450, 444, B 414, 400, 350, 340, 300, B275, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12 JD M, 4230, 4020 dsl, 4010, 3020 dsl., 3010, 2020 dsl, 2010, 730D, 720, 430, 420, 70, 60, 50, A, B. AC 5050, AC 200, 190XT, AC 170, 180, AC 185, D14, D15, D17, D19, WD, WC, CA, C, B MF. 1155, 90, 85, 444, 333, 175, 65, 44, 33, 30, 20. Case: 600, 530, 440, 310, 300, DC, SC, VC, VAC. Ford 6000, 5000, 4500, 4100, 4000D, 3400 ind, 960, 861, 860, 800 800, 641, 600, 8N, 9N Ford major, 5000 Oliver OC3 Crawler, OC6, 1800, 1600, 880, 770, 550, 88, 77, 70, 66, 60, 55 MM U, MM 5 Star, MM Jet Star 3, MM 335, MMG 1000, R, Z, E3 Coop, David Brown 990 New Field & 345 Leyland, gas track crane w/boom for parts. AC: HD 5 crawler ldr., 200 Sheppard diesel.

KEITER'S FARM MACHINERY

Halifax, PA 17032 Rt. 225; 20 mi. north of Hbg.
Mon.-Fri. 8-5 · Sat. 8-12

Call before you come.

PHONE: 717-362-9574

POSITIVELY NO OUT OF STATE PERSONAL CHECKS

YOU $AVE BY DEALING WITH US

FORD END-OF-YEAR SALE: NOW THRU DEC. 31

ABC GROFF

Built Ford tough!

Power up with Ford PowerStar™ tractors

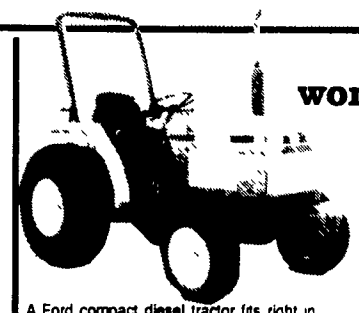
The new standard in 66 to 106 hp!

- 2WD and 4WD
- Efficient, new Genesis™ engines
- Versatile, hard working hydraulics
- Roomy new deck designs
- Comfortable cabs

Come on in and we'll show you the model ready to work for you!

- New transmission choices, including the 16x16 Pulse Command™

A workhorse MODEL 1520



Stop in and see one soon

A Ford compact diesel tractor fits right in They have plenty of engine and hydraulic muscle to handle all kinds of jobs Other pluses include

Touch-Turn™ steering makes it easy to maneuver in tight areas — like around stables

Optional hydrostatic or shuttle shift transmission make changing direction easy — a real time saver when you're mowing or doing loader work

Easy-to-reach controls and easy-read instruments make operating a Ford compact diesel a breeze

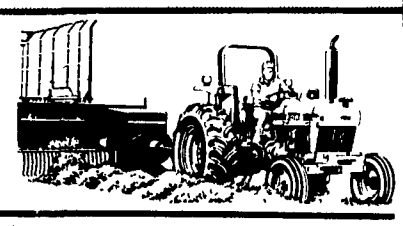
Ford 1520 Compact, Hydro. Trans., 4 WD

CASH $9,600

FORD 30 SERIES

Step Up To Ford Quality!

55 PTO Model 4630 *IN STOCK!*



NH 125 SPREADER w/ Retread Tires

CASH $2,925

Model 125

Ford New Holland offers six quality spreaders to match any farming operation All New Holland spreaders clean out fast to make quick work of dirty jobs

- **Bonded Protection,** the exclusive lifetime guarantee, covers the polyethylene floor and steel sides Ask us for details
- **Corrosion-resistant steels** are used throughout for tough, long lasting construction
- **Plus adding optional slurry sides** on the Models 145, 155 and 185 increases capacity up to 25% at a fraction of the cost

PRICES F.O.B. NEW HOLLAND

LIMITED SUPPLY

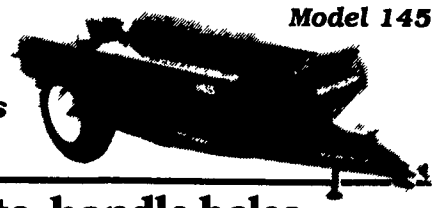
Check Special Prices On 155 & 185 Spreaders!

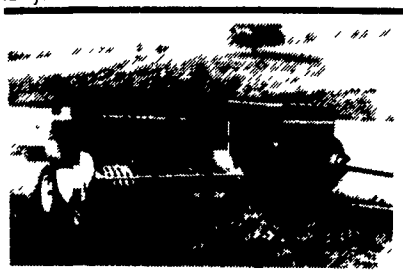
Model	Capacity (bu.)
125	108
135	138
145	177
155	217
185	287
195	410

Model 145

NH 145 SPREADER w/Retread Tires

CASH $3,725



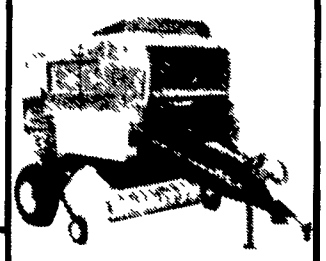


NOW GET BETTER BALES FROM A BETTER BALER!

Solid, stackable bales. And unsurpassed baler capacity.
You'll get it all from New Holland square balers. The Models 570 and 575 feature a revolutionary rotary feeder that is tender on alfalfa... while handling lots of crop.

NH 570 Twine Baler w/Bale Chute CASH $8,900

Less Leaf Loss & Better Bales



The Fastnet® net wrap system, an optional tying method for selected New Holland round balers, makes better-looking and better-weathering bales. Just two plastic net wraps do the job of 12 to 18 twine wraps per bale. And they do it better too, because bales are turned fewer times. That means less leaf loss and better quality hay. Now you can net more hay — and more profits, too.

- **848 Round Baler, Net Wrap One Only $10,500**
- **855 Round Baler, Net Wrap One Only $12,500**

Easy-to-handle bales

When the crew is just you, the New Holland Model 630 round baler delivers quality hay in an easy-to-handle bale size It makes dense, good-looking 650-pound bales measuring four-feet wide by four-feet in diameter And a 35 horsepower tractor supplies all the power you need The "630" handles delicate crops gently to reduce fines losses, so your bales retain more protein-rich leaves Ask for a demonstration today

CASH $8,500

Smooth, even cutting gives that "showplace" look

FORD 917 Heavy Duty 62" FLAIL MOWER

CASH $1,295

Smooth cutting... Fast, easy hookup

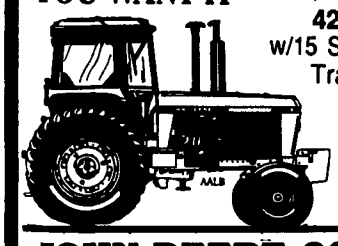
CASH $2,295

The New Holland Model 451 sicklebar mower takes the effort out of your cutting chores It cuts a smooth, fast trail through open fields and makes quick work of mowing around ponds, buildings and lanes The exclusive telescoping yoke makes hookup a breeze Stop in and see the Model 451 soon

ABC GROFF
Since 1890 The Name You Can Trust
110 South Railroad Ave.
New Holland, PA 17557
(717) 354-4191
M-F 7:30 to 5:00
Sat. 7:00 to Noon

Make it a GREEN Christmas

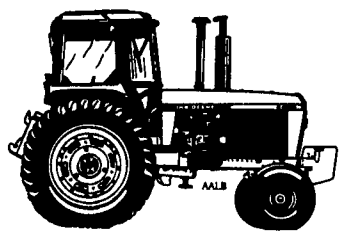
THE WAY YOU WANT IT



120 HP 4255 TRACTOR w/15 Spd. Power Shift Transmission

SALE PRICE $47,600*

READY TO GO-GO-GO



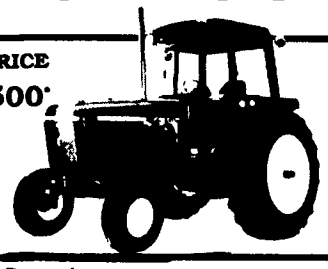
140 HP 4455 TRACTOR With 16 Speed Quad Range Transmission

SALE PRICE $47,400*

*** FREE With Purchase.... $700 Gift Certificate!**

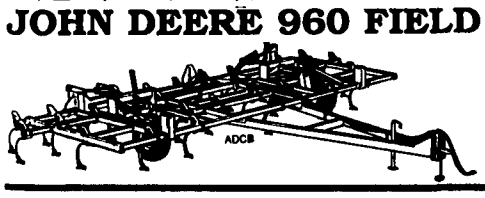
85 HP 2955 TRACTOR *Right Tractor, Right Price!* With AM-FM Radio And Liquid Ballast In Rear Tires

SALE PRICE $32,500*



***FREE With Purchase.... $500 Gift Certificate!**

JOHN DEERE 960 FIELD CULTIVATOR



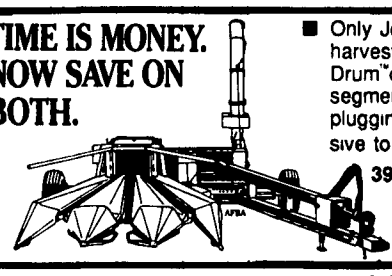
21'6" Wing-Fold With Heavy Duty C-Shanks

This cultivator has room for residue control.

SALE PRICE $6,490*

*** FREE With Purchase... $100 Gift Certificate!**

TIME IS MONEY. NOW SAVE ON BOTH.



- Only John Deere forage harvesters feature the Dura-Drum™ cutterhead, with 40 segmented knives Less plugging Much less expensive to maintain

3950 Harvester w/Electric Controls & Hydraulic Tongue Positioner (Heads Not Included)

SALE PRICE $14,300*

*** FREE With Purchase... $500 Gift Certificate!**

JOHN DEERE 970 ROLLER HARROW

12' With S-Tines And Hydraulic Tooth Control

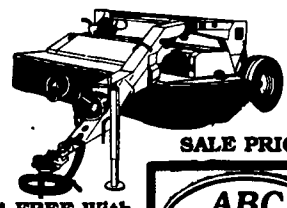
Strong, simple design gives you a better way to pulverize and blend soil

SALE PRICE $7,150*

*** FREE With Purchase... $150 Gift Certificate!**

HURRY! OFFER EXTENDED ONLY DURING OUR SPECIAL SALE DAYS!

1460 ROTARY MO/CO... CUTS FAST, CONDITIONS FASTER



- 9-foot 9-inch width of cut.
- High-speed disk cutting with exclusive wide conditioning rolls that apply more pressure over more crimping points
- Cuts fast, up to 8 mph.

SALE PRICE $12,290*

*** FREE With Purchase... $300 Gift Certificate!**

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New Holland, PA 17557
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Saturday 7-Noon

JOHN DEERE

FORD NEW HOLLAND PARTS

- **9624450** -134 Hydraulic Oil, 2.5 Gal. ~~$13.90~~ **$9.95**
- **9624452** -134 Hydraulic Oil, 55 Gal ~~$245.00~~ **NOW $195.00**
- **9613310**- Grease 14 Oz. Cont, 10 Pack ~~$13.60~~ **NOW $10.50**
- **9000N**- Twine ~~$28.00~~ **NOW $21.75** *-QUANTITY DISCOUNT*

(Similar Saving On Other Twine) *ALSO AVAILABLE*

- **9613239**- Battery Charger - ~~$40.29~~ **-NOW $29.95**
- **4WR** - Vise Grips - ~~$9.40~~ **NOW $6.49**
- **403-6661-WD-40** 12 Oz. Can ~~$3.25~~ **NOW $2.49**
- **20% OFF** Rolls Of Plastic In Stock- Clear & Black
- **10% OFF** All Paint And Decals

ABC GROFF (717) 354-4191

JOHN DEERE PARTS SPECIALS!

- All In Stock Batteries **NOW 10% OFF**
- **AR63218**- 30 Wt Oil **NOW $1.10 Ea.** In Case Lots
- **RE33636**- Starting Fluid **NOW $1.25**
- **PT557** - Diesel Fuel Conditioner **NOW $2.50**
- **PT558** - Diesel Fuel Conditioner, 8 Oz. **NOW $1.70**
- **TY15666** - 2½ Gal Gas Can- **NOW $6.25**
- **TY15666** - 5 Gal Gas Can - **NOW $10.59**
- **Hardi** Backpack Sprayer -**NOW $89.95**
- **Space Heaters** R35- 35,000 BTU -**NOW $139.00**
  R50- 50,000 BTU -**NOW $169.00**
  R150- 150,000 BTU -**NOW $349.00**
- **TY15818** - 1¼ Gal. Gas Can - **NOW $3.60**

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All Sizes, Steel Hay Feeders
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Self Locking Panels
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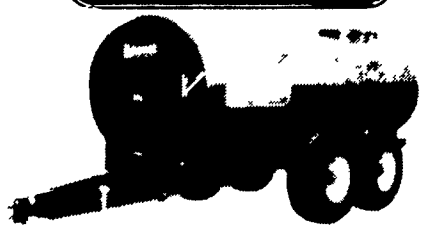
Calumet



NEW SPREADERS IN STOCK FOR IMMEDIATE DELIVERY

USED LIQUID MANURE EQUIP.
- 1500 Gal. Badger Spreader Tank As Is $700 - Handyman Special

Calumet 1500 Gal. Vac. Tank, Tandem Axle, 4" Hose..... $1,900

FOR SALE OR LEASE
- Spreader Tanks - 2250 Thru 6500 Gallons
- Vacuum Tanks - 1500 Thru 4500 Gallons
- Earthen Pit Pumps
- Vertical Shaft Pumps
- Truck Mount Tanks - 2250 Thru 4500 Gallons
- Propeller Agitator
- Replacement Vacuum Pumps - 177 Thru 353 CFM's

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NEW EQUIPMENT SPECIALS

Kuhn FC 300 GDR Disc Conditioner
Kubota M8580 4WD, Hyd. Shuttle, 80 HP w/Loader
Kubota L5450, 4WD, Hyd. Shuttle, 50 HP w/Loader
Kubota 2050, 4WD, 25 HP, Turf Tires..... $7,900

NEW HESSTON EQUIPMENT

1340 12' Center Pivot Disc Conditioner..... $15,200
1120 9' Windrower, Stub Guard..... $7,350
530 Round Baler, 500 Lb..... $6,800
540 Round Baler, 1000 Lb..... $8,400

USED EQUIPMENT

Hesston 666 4WD, 60 HP w/Loader
Hesston 4800 Big Square Baler
NH 326 w/Thrower
IH 84 Hydro w/2250 Loader
IH 284 Dsl. w/Woods Mower
Bush Hog 2615 15', 1000 RPM Mower
Kuhn FC 300 Disc Flail Conditioner
Kuhn GMD 77, 9', 3 Pt. Mower
Oliver 548, 6X, 16", SAR Plow
Donahue Windrower Trailer
Goosen Stationary Bale Chopper
(2) NH 479 Haybine
Hesston PT7 Windrower

LAWN & GARDEN

Cub Cadet 1811, 18 HP Hydro, Excellent
Grasshopper 1822 w/Catcher
Grasshopper 1410, 44"
Grasshopper 721, 60" Kubota Gas, 50 Hrs.
Gravely 50" Walk Behind
Steiner 220, 60", 21 HP Mower

STOLTZFUS FARM SERVICE
Cochranville, PA 215-593-2407

JOHN DEERE

USED EQUIPMENT

NH L225 Skid Steer Loader w/2 Cylinder Wisconsin Engine, 750 Hrs.....$4,100
Kuhn Disc Mower Model 66HD, Rebuilt.....$3,100
JD 450 hydro push manure spreader.....$3,550
Woods B320 20' Batwing.....$6,000
Woods 10' rotary mower, offset batwing, HD 210R, good conditon.....$3,200
Woods 10' 120 offset, rotary mower, rigid, good condition.....$1,200
Woods 10' 121 Rotary Mower.....$2,800
International 454 tractor w/loader, just rebuilt.....$5,500
International 140 22 HP, w/72" Mid Mower.....$3,200
JD 260 6 Disc Mower, new cutter bar.....$3,800
JD 2240 w/175 front end ldr., roll bar & canopy.....$11,000
JD 2940 2WD, 80 HP.....$12,000
Kubota B7100 HSE, 2 WD, Hydro Trans. w/60" Mid Mower.....$5,500

NEW EQUIPMENT

JD 1508 Batwing Rotary mower, reduced demo unit..... Call for Price
JD 5200, 2WD.....$15,995
JD 870 Demo, Approx. 10-15 Hrs., 4WD, 28 HP w/Syncro Trans.....$10,900
JD 2355 4WD w/110 Loader & Low Profile Tires, Rental, Reduced.....$26,975

NEW PARKER HIGH PRESSURE WASHERS

3.0 GPM, 1500 PSI, 5HP Kawasaki engine.....Retail $1099, Sale $899
2.0 GPM, 1000 PSI.....Retail $799, Sale $499
2.5 GPM, 1400 PSI.....Retail $979, Sale $749

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COMBINES & HEADS

1978 Gleaner M2 Corn/Soybean Special, Hydro Traction, 15' Flex Grain Head, A630 Corn Head, Rebuilt Engine w/O Hours, Clean
Case IH 1660 Axle Flow, 20' 1020 Floating Grain Head
JD 6620 Combine w/16' Grain Head (Excellent Condition)
IH 4 Row Corn Head- 30"
White 8600 Combine, w/15' Grain Head, 1978
IH 820 Grain Head, 22½ '

TRACTORS

MF 245, Low Hrs., 1980
IH 1486 Cab, AC, New Rear Tires & Duals
Case IH 885 w/Cab, 2255 Loader
Case IH 1140, MFD, Hydro w/Loader & Backhoe (Compact Diesel, 27 HP, 85 Hrs.)
JD 4230 w/Cab (Clean)
Case IH 9170 4WD (Low Hrs., Rental)
Case IH 2394 - 2WD w/Duals (Low Hours)
Case IH 1120 Compact - MFD Turf Tires (Like New)

MISCELLANEOUS

Lely Roterra 13'6"
IH 4 Bottom Rollover Plow, 16"
NH L-785 Skid Steer (2)
Pixall 1 Row Bean Harvester
FMC-Bean 20RC Air Sprayer - 400 Gal. SS Tank
FMC 100 Gal. 3 Pt. Sprayer w/22' Boom (Almost New!)
Bauer Pump Unit w/Deutz F5L413FR-500/600 GPM @ 170 PSI
IH 165 5 Bottom Rollover Plow
Farm-Hand Dump Wagon
Car Trailer

HAY & FORAGE

NH 717 Forage Harvester
NH 75 Bale Kicker
NH 488 Mower Conditioner - 9 Ft.
NH 276 Square Baler
NH 268 Square Baler w/Thrower
IH 56 Forage Blower
IH 435 Square Baler
JD 346 Wire Baler
New Idea Manure Spreader
Ford Scraper Blade

Season's GREETINGS

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Agricultural Equipment, Supplies & Services
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PARTS VALUE OF THE MONTH

Pre-Season Service Savings

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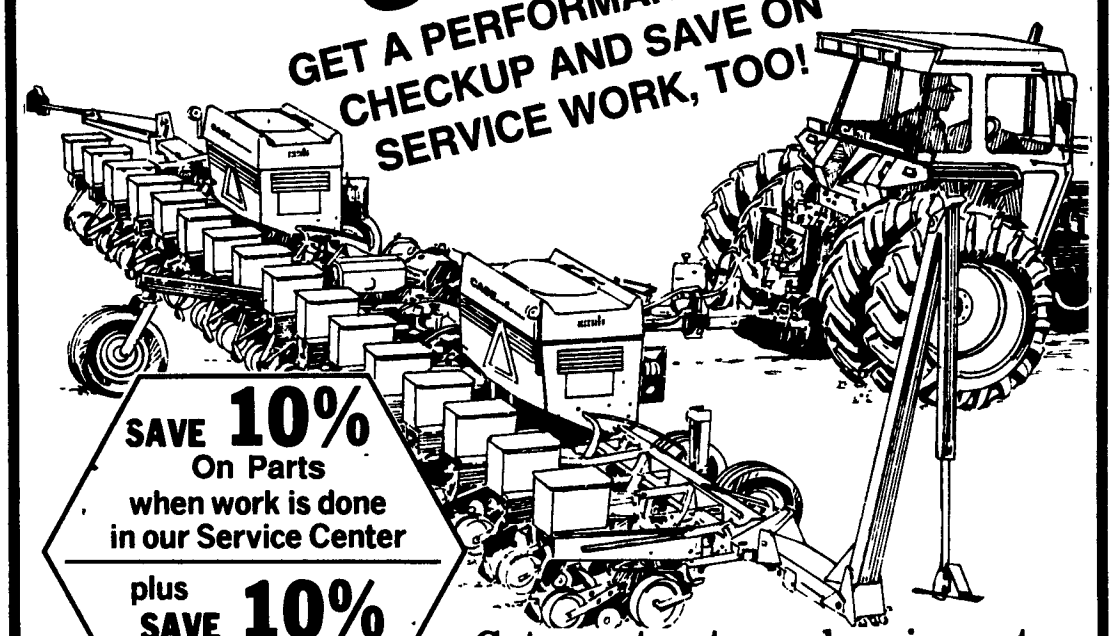
BE READY FOR SPRING

GET A PERFORMANCE PLUS CHECKUP AND SAVE ON SERVICE WORK, TOO!



SAVE 10% On Parts when work is done in our Service Center

plus SAVE 10% on labor

Get your tractor and equipment in top shape for the busy season and save at off-season prices.

Don't wait until the busy season hits. Get your tractor ready to roll now at special Pre-Season Service Savings.

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We Ship UPS

Best Buys in Used Equipment

TRACTORS
- Case IH 275 Tractor, 4x4, Loader
- Case IH 7110 Tractor w/Cab, 520 Hrs., Like New
- Case 300 Tractor
- JD 2950 Tractor, 4WD
- JD 2550 Tractor
- Ford 1210 Tractor, 4x4, w/ Loader
- Farmall H Tractor w/Loader
- IH 1466 Tractor w/Cab
- MF 1805 Tractor, 4x4, Cab, 193 HP, (Snowplow Available)

SKID LOADERS
- NH L555 Deluxe Skid Loader, 900 Hrs., Excellent
- NH 425 Skid Loader
- NH L781 Skid Loader, Demo
- Mighty Mac 9C Diesel Skid Loader
- Owatanna Skid Loader, Like New, 18HP w/Bucket
- Case IH D100XR Backhoe
- NH B134 Backhoe
- NH D130 Backhoe

HAY & FORAGE
- NH 273 Baler
- NH 276 Baler w/Thrower
- NH 326 Baler w/70 Thrower
- NH 848 Round Baler, Demo
- NH 850 Round Baler
- NH 851 Round Baler, Like New
- NH 853 Round Baler, Twine, Bale-Command
- JD 660 Hayrake
- IH 56 Blower
- NH 258 Rake
- NH 1499 Haybine, 410 Hrs., Like New
- NH 1495 Haybine
- NH 411 Discbine
- NH 489 Haybine
- IH 1490 Hydroswing Mower-Cond., 12 Ft.
- NH 479 Haybine
- IH 327 3RN Cornhead, Very Good
- IH 120 Sickle Bar Mower, 3 Pt.
- NH 892 Forage Harvester, Metal Detector
- NH 770 Harvester w/2 Row Cornhead, Pickup
- MF 260 Forage Harvester, w/2 Row Narrow Cornhead, Pickup
- JD 15A Flail Chopper, 60" Cut

SPREADERS
- IH 530 Spreader, Excellent
- NH 328 Spreader
- NH 676 Spreader
- NH 679 Spreader

MISC.
- NH 357 Grinder/Mixer
- McConnel 450 Potato Harvester
- Brillion 5 Ft. Landscape Seeder
- 4 Row Liquid Side Dresser
- Century 1000 Gallon Sprayer, 46 Ft. Boom

PLANTING & TILLAGE
- IH 800 Planter, 4 Row, Exc. Cond.
- JD 8200 Grain Drill
- Brillion 13'6" Cultipacker
- JD 12 Ft. Disc Harrow
- Brillion 12 Ft. Cultipacker
- Lilliston 9680 No-Till Drill
- NH OD100 Offset Disk
- AC 18 Ft. Wing Disc Harrow

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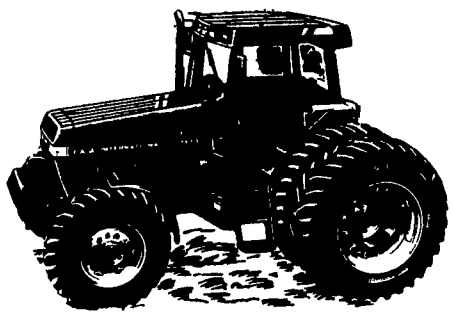
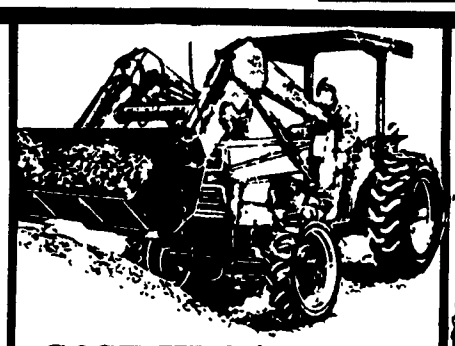


CASE IH MAGNUM IN STOCK
- 7110, 130 HP
- 7120, 150 HP
- 7140, 195 HP



CASE IH 95 SERIES
- Forward & Reverse Shuttle Shift
- Heavy Duty 2250 Loader

SPECIAL PRICES: 495 With Loader

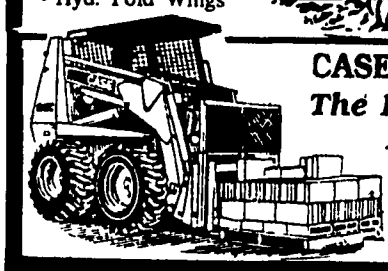
MAXXUM TRACTORS JUST GOT BETTER!
ALL NEW 5200 SERIES TRACTORS!

CASE IH 5130 TRACTOR
w/Cab, 2WD
Buy Now At Old Price — Excellent Buy!

CASE IH 3900 FOLDING DISC HARROW

- Rock Flex Bearing Hangers
- Hyd. Fold Wings

It Levels, Levels, Levels!



CASE IH SKID STEER
The Deals Have Never Been Better!
MODEL 1840, 1845

GIANT YEAR-END SALE

UP TO 45% DISCOUNT ON PARTS & EQUIPMENT!
Plus! Special Savings on Twine!
Buy Now For Tax Savings
DISCOUNTS IN EFFECT NOW THRU DECEMBER 31, 1992

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Matt At Home — 665-6772

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Ford Credit

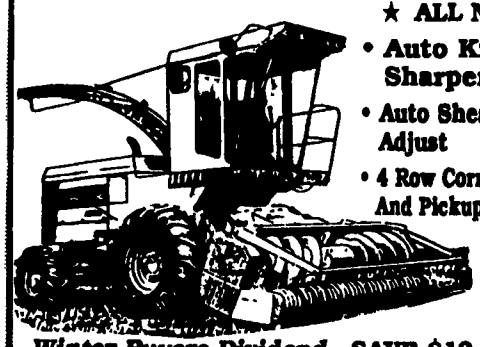
JUST ANNOUNCED!!

WINTER BUYER DIVIDENDS ARE HERE!!

BIG REBATES!! SAVE FROM $75 TO $12,925!! The earlier you buy - the more you save!

FORD NEW HOLLAND

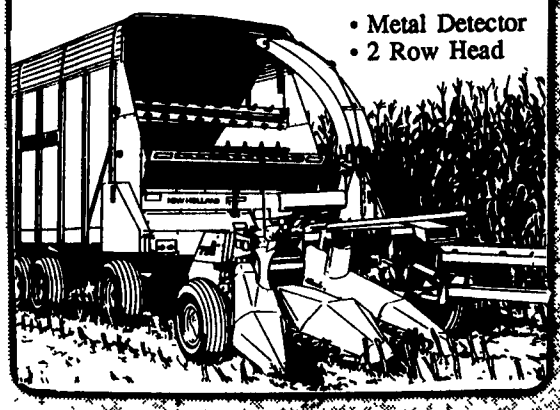
NH 1915 S.P. HARVESTER



★ ALL NEW
- Auto Knife Sharpening
- Auto Shearbar Adjust
- 4 Row Cornhead And Pickup

Winter Buyers Dividend - SAVE $12,925

NH 790 FORAGE HARVESTER



- Metal Detector
- 2 Row Head

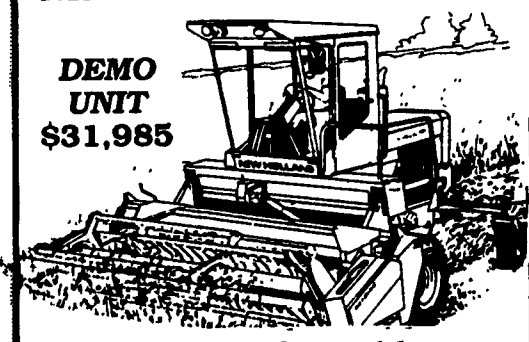
END-OF-SEASON CLEARANCE

Item	Reg.	SALE
• NH L250 Skid Loader w/42" Bucket, Lights	$ 8,950	$ 6,595
• NH 155 Spreader Imp. Tires, 220 Bu.	$ 5,895	$ 3,995
• NH 305 Spreader Imp. Tires Pan, 1230 Gal.	$ 8,950	$ 6,395
• NH 305 Spreader Imp. Tires Pan, No Ext. Sides	$ 7,585	$ 5,695
• NH 306 Spreader 16.5x16.1 Pan, 1400 Gal. Tandem	$11,800	$ 8,395
• NH 308 Spreader 16.5x16.1 Pan, 2400 Gal. Tandem	$15,600	$10,895
• NH 848 Rd. Baler Twine, Demo Unit	$14,500	$ 8,395
• NH 411 Discbine, Demo Unit	$17,385	$ 9,850
• NH 818 Forage Box w/614 Gear 14 Ton	$11,385	$ 8,950
• NH 790 Forage Harvester Metal Detector, Electric Controls	$18,950	$12,695
• NH 28 Blower 540 PTO	$ 4,485	$ 3,295
• NH 570 Baler w/Hydroformatic Bale Tension	$14,500	$ 9,985
• NH D800 Baler Big Square Bales, Demo Unit	$47,980	$34,490
• NH 630 Rd. Baler	$12,685	$ 8,995
• NH 451 3 Pt. Mower 7 Ft.		$ 2,795
• NH 452 Disc Mower	$ 5,495	$ 4,195
• NH 462 Disc Mower	$ 6,150	$ 4,495
• NH 465 Disc Mower		$ 5,350
• NH 472 Haybine	$10,200	$ 6,998
• NH 157 Tedder	$ 2,430	$ 1,850
• NH 163 Tedder	$ 4,595	$ 3,495
• NH 216 Unitized Rake	$17,985	$11,985
• NH 1037 Bale Wagon	$28,300	$18,985
• NH TR86 Combine, 4x4, NH 973, 16 Ft. NH 974 N6 Corn Head	Price Too Low To Advertise	
• NH 1915 Harvester 4 Row & Pickup	Old Price- Save Big Dollars	
• NH 890W Pickup	$ 3,295	$ 1,985
• NH 853 Rd. Baler Demo	$14,750	$ 8,950
• NH 781 Deluxe Skid Loader w/Bucket	$28,900	$19,500
• NH 256 Rake Rubber Teeth New Tires In Box	$ 3,895	$ 2,860
• NH 258 Rake Rubber Teeth New Tires In Box	$ 4,795	$ 3,495
• NH 125 Spreader Imp. Tires	$ 4,350	$ 3,395
• NH 195 Spreader 410 Bu., 16.5x16 1 Tires	$10,985	$ 8,395
• NH 783 Deluxe Skid Loader, 12.00x16.5, 70" Bucket	$26,300	$19,350
• NH B-124 11 Ft. Backhoe w/Bucket	$ 7,850	$ 5,985
• NH 355 Grinder Mixer Scales	$13,300	$ 9,985

ONE ONLY SALE — ENDS 12/31/92

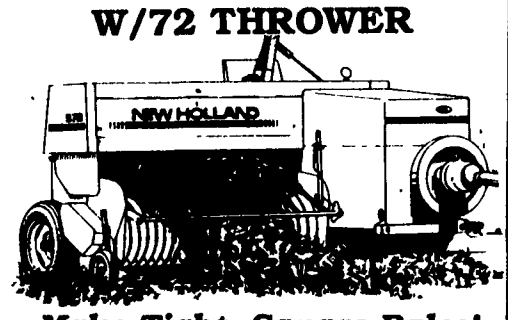
NH 1499 MOWER-COND.

DEMO UNIT $31,985



Cut Low, Clean With On-The-Go Hyd. Angle Cutter Bar!

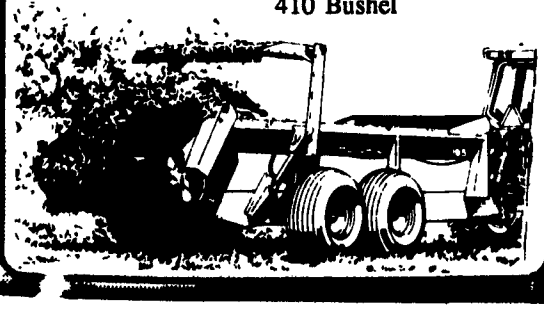
End Of Season Special!
NH 570 BALER W/72 THROWER



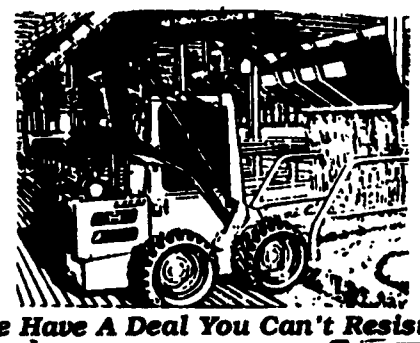
Make Tight, Square Bales!

Looking For A Spreader? Now Is The Time To Buy!

NH 195 SPREADER
410 Bushel



NH SKID STEER LOADERS
Models In Stock: L250, L455, L553, L785



We Have A Deal You Can't Resist!

MESSICK FARM EQUIPMENT, INC.

Discount Cash & Carry Days Sale
NOW IN PROGRESS

See Last Week's Issue, Dec. 19th, Pages D13 Through D23 For Details

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Monday Through Friday
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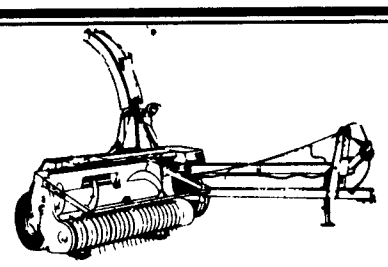
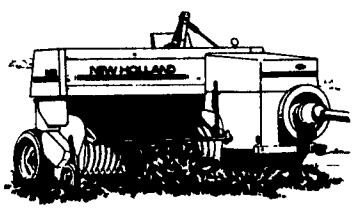
Saturdays 7:00 AM to 12:00 Noon
Thurs., Dec. 24 - 7:00 AM to 3:00 PM
CLOSED: Fri. & Sat., Dec. 25 & 26
Fri., Jan. 1





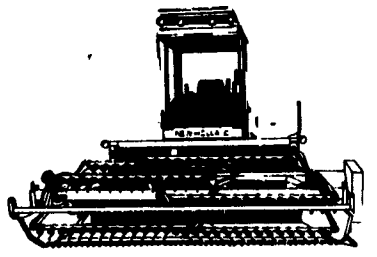
YEAR END CLEARANCE

We have a large inventory for you to survey when purchasing your new equipment.

	List	Cash/ Pick Up
NH 570 Baler w/77 Thrower	$17,672	$11,995
NH 77 Pan Thrower	$ 4,324	$ 3,195
848 Demo Round Baler, Electric Twine Wrap,		$ 8,500
NH L455 Skid Loader, 10:50 Tires, 60" Bucket	$16,420	$11,750
NH 452 Disc Mower	$ 5,260	$ 3,995
NH 28 Blower	$ 4,338	$ 3,395
NH 256 Rake Demo	$ 3,550	$ 2,495

Received trailer load of manure spreaders call for special prices

Hay & Forage Equipment Finance Rates: 0% - 18 Months- or Check with us for Big Cash Rebate Amounts



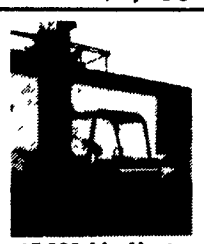
DEPENDABLE MOTOR CO.

East Main St., Honey Brook, Pa.
(215)273-3131 or (215)273-3737

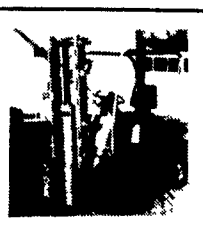
6,000 Lb. Cat Gas, Auto, Very Good Cond. $5,500

5,000 Lb. Hyster 1984 Side-Shift Very Good Cond. $6,500

5,000 Lb. Nissan 1984 Very Good Cond. $5,000



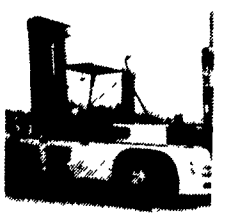
15,000 Lb. Hyster Gas, Very Good Cond. $7,500



5,000 Lb. Baker New Gas Engine $4,500

HYMAN EQUIPMENT
1408 Midmeadow Rd.
BALTIMORE, MD. 21286-1607
(410) 337-3570
Call Alan Hyman Anytime

MECHANICS SPECIALS
MANY OTHER FORKLIFTS IN YARD - CALL FOR SPECS



20,000 Lb. Towmotor, Detroit Diesel, Very Good Cond. $10,000

FORKLIFTS

- 8,000 Lb. Yale, Dual Pneumatic, Runs Good $3,000
- 5,000 Lb. Hyster, 1984, Solid Tire, LPG, 3 Stage Mast, Very Good Cond. $5,000
- 2,000 Lb. Mitsubishi 87' Solid Tire, LPG, Very Good Cond. $4,000
- (2) 12,000 Lb. Towmotor Pneumatics Detroit Diesels, Very Good Cond. ..... $4,500 & $7,500
- 6,000 Lb. Clark Pneumatic Gas 3 Stage Mast, Very Good Cond. $5,500
- (3) Electric Pallet Jacks ..... $500 Each
- 4,000 Lb. Toyota Electric 1984 Sideshift, Excellent Cond. $5,000
- 6,000 Lb. A/C Pneumatic Gas O Time On Eng., Trans. & Acces's Like New $6,500
- 5,000 Lb. Clark, Electric w/charger, very good condition $4,000
- 4,000 Lb. Hyster Solid Tire, 3 Stage Gas, Very Good Cond. $2,500
- 3,000 Lb. Yale Electric Straddle Lift, Very Good Cond. $1,500

WOODS B107 heavy duty Bush Hog, excellent w/ chain curtin, $1,200. 410-833-9091

WOODS MOWER #121, new, $3,400. 410-833-9091

WOODS MOWER Cadet 84, like new w/warranty, only $1,400. 410-833-9091

WOODS SPLITTER, 40 h.p., water cooled engine, 40 ton, pull type, runs excellent, $1,650. 410-833-9091

WOODS SPLITTER, 3 pt. hitch, Kelley, ready for work, $450/Offer. 410-833-9091

Woods 15' foldup rotary mower, $1,800. (301)898-7426.

Case Int. 885 plus 2255 loader, 4 wheel, 1200 hrs.
$22,500
Wayne County
(717) 224-4495
(717) 224-4352

Best Buys in Used Equipment

TRACTORS

IH 424	IH 5488	JD 4630
IH 484	Case IH 395 w/Loader	JD 4430
IH MD	Case 2670	JD 575 Skid Steer
IH 656	Case 1845C Skid Loader	JD 2940 MFD
IH B	Case 1840 Skid Steer	MF 255 w/Loader
IH 4586	Case IH 495	MF 285
IH 1586	ST PT350	Ford Dexta
IH 3588	ST 251	Versatile 256
IH 574	ST Panther II	AC 6140

DISCS

AC 2600, 26'	IH 470 15'	(2) KR 1927, 25'
BH 16'	IH 770 Off Set, 26'	Oliver 12'
Case 18'	KR 4927, 25'	JD 14'
Case 30'	KR 2440	JD 235, 18'
IH 475, 17'5"	KR 1588, 17'5"	JD 210, 15'
IH 496, 22'	KR 4907 25'	JD 230, 20'
	KR 1966 31'	JD 310, 16'

FIELD CULTIVATORS

JD 22' Field Cultivator	Glencoe 21' Field Cultivator
KR 4129 42' Field Cultivator	IH 45 Field Cultivator 15'
(3) KR 3131 Landsman	IH 4500 Field Cultivator, 27'
KR 4100 37' Field Cultivator	IH 25' Field Cultivator
KR 3121 Landsman	Brady 15' Field Cultivator
KR 3122 Landsman	SF 25' Landsman
Case 26' Field Cultivator	WR 24' Field Cultivator
Glencoe 18' Field Cultivator	

PLOWS

CI 5600 Chisel Plow 11'	IH 700 7x16 Plow
CI 720 Plow, 5x16	IH 5600 Chisel Plow
CI 800 Plow, 9x18	Athens 156 Chisel Plow
SF 2330 Chisel Plow	JD 2350-2450 8x18 Plow
Ferguson 10' Chisel Plow	JD 5x18 Plow
IH 165 Plow 4x18 Rollover	JD 2800 8 Bottom Vari Width
IH 700 Plow 8x16 OL	KR 2321 Chisel Plow, 24'
IH 55 Chisel Plow	Oliver 568 Plow, 6x18

MISC. TILLAGE

UM 35' Dbl. Rolling Baskets	JD 10' Cultimulcher
DMI Tiger II Subsoiler 7 Shank	BR 14' Cultimulcher
Tebbins 7 Shank Subsoiler	BR 25' Cultimulcher
CI 10 Subsoiler, 5 Shank	BR 12' N Cultimulcher
AC 1600 Cultimulcher	BR 32' N X-Fold Packer
KR 3613 Land King	BR 25' CF Packer
DL 34' CF Packer	BR TP18 Packer
Lely Rotera 12'	IH 153 Cultivator, 4 Row

MISCELLANEOUS

Great Plains 15' No-Till Drill	JD 8300 Drill, 21x7
AC 333 15 Row Planter	JD 27 Shredder 15'
GP 24' Conventional Drill	JD 158 Loader
CI 5400 No-Till Drill	JD 8000 Drill, 21x7
CI 5300 Drill, 24x6 w/cultiplanter	IH 5100 Drill. 21x7
CI 8730 Forage Harvester	KR 5215 No-Till Drill, 15'
CI 5100 Drill, 24x6	NH 352 Grinder Mixer
John Blue 500 Gal. Sprayer	NH 354 Grinder Mixer

HAY EQUIPMENT

CI 8580 Baler	NH 90 Bale Stacker
Hesston 4900 Baler	MF 560 Round Baler
NH 56 Rake	

COMBINES

Case IH 1480	JD 4400	JD 9600
Case IH 1680	(3) JD 6620	MF 760
IH 1440	JD 7720 4WD	MF 540
(3) IH 1460	JD 7720 Titan II	NH TR 85
IH 1480	JD 8820 Titan II	NH TR 86

Large Selection Of Cornheads And Platforms Available

HOOBER
HOOBER EQUIPMENT INC
MIDDLETOWN, DE
(302) 378-9555 1-800-341-4028

case IH

Same Leopard 85 Heat A.
90 HP Radial Tires $10,950
Same Explorer 90 HP,
New Cab $24,500
Minitarus 60 HP, 4x4, New $14,000
Minitorus 60, 4x4 $6,900
Buffalo 130 Cab

R & E Tractor
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Looking to Buy or Sell Farm Equipment?

Call your EQUIPMENT HOTLINE!

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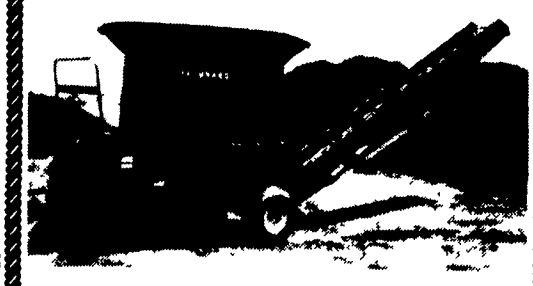
fax: (703) 439-9344



Farmhand 6650 Tub Grinder
Like New
Only 60 Hrs. On It
$22,000.00

Call Between 6:00-6:30 Evenings
215-593-5989

1 FARM EQUIPMENT

Oliver Super 55 Tractor, New Rear Tires, Looks and Runs Very Good
$2,500
609-767-0444

Best Buys in Used Equipment

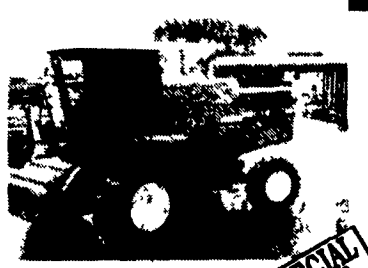
WHITE TAG SALE!!!

YEAR-END INVENTORY CLEARANCE!!!

ALL USED EQUIPMENT IS PRICED ON WHITE TAGS

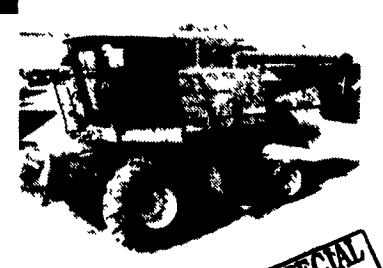
USED COMBINES

ACF2, Gear, 2WD, w/Rocktrap, 18.4x26 & 11Lx16, Cab w/AC & Heat, w/13' Rigid Platform & 4 Row Narrow Cornhead (U7241)
Was $15,900 **NOW $13,800**



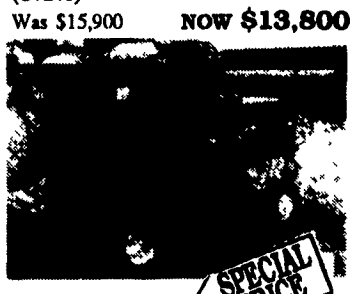
JD 7720, 1981, Hydro, 4 WD, 30.5x32 & 16.7x26 Tires w/Chopper (U7154)
Was $34,900 **NOW $31,750**

MF 860, 1981 w/18' Flex Platform, 2 WCD (U6668)
Was $32,800 **NOW $28,500**



JD 6620, 1981 3180 Hrs., Hydro, 28Lx26 Tires w/215 Platform (U7343)
Was $36,000 **NOW $33,000**

JD 6620 Sidehill, 2WD, 28Lx26 & 11.00x15, AHHC, Cab w/AC & Radio (U7065)
Was $19,900 **NOW $18,700**



JD 6620 Titan II Side Hill, 1988 2200 Hrs., 4 WD w/Chopper, 915 Flex Platform (U6687)
Was $65,000 **NOW $57,500**

SPECIAL Case Credit Financing

On Combines

...3.9% For 42 Months ...6.9% For 60 Months

...6 Months Interest Waiver PLUS 6.9% For 48 Months

Conditions:

1. Order A Used Combine From Hoober's During Our YEAR-END USED EQUIPMENT SALE
2. Buyer Must QUALIFY for CASE CREDIT
3. Settle By December 31, 1992

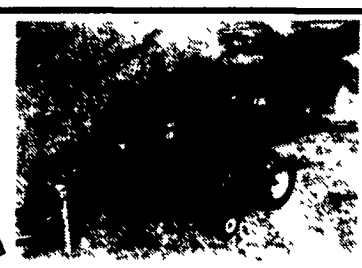
IH 1440 Combine 1978, 2WD, Hydro, 23 1x26 and 18.4x16.1 Tires, Cab w/AC, Heat & Radio, w/AHHC (U7068)
Was $18,500 **NOW $17,900**

USED HAY AND FORAGE

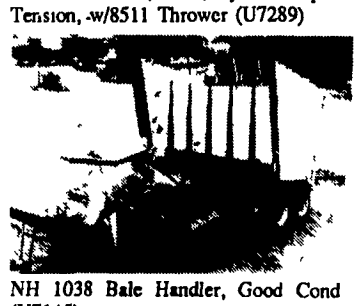
NH 269 Baler w/Wisconsin Engine (U7138)
Was $1,375 **NOW $1,225**

MF 124 Baler With Engine (U6789)
Was $1,975 **NOW $1,595**

NH 273 Baler (U7000)
Was $1,500 **NOW $1,395**



CIH 8545 Baler, 1990, Hyd. Pickup & Tension, w/8511 Thrower (U7289)

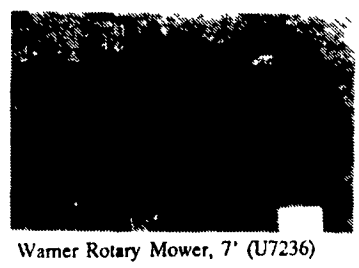


NH 1038 Bale Handler, Good Cond (U7145)

Bush Hog 207 Mower, 3 Pt (U7172)
Was $950 **NOW $850**

Bush Hog 10' Mower, Gear Drive Cutter (U7164)

IH 100 Mower, 7' Sickle Bar, Fast Hitch (U7413)



Warner Rotary Mower, 7' (U7236)

Case IH

All New & Used Products Backed By Hoober Parts & Service

(717) 768-8231

HOOBER
C.B. HOOBER & SON INC.
INTERCOURSE, PA

Case IH

Best Buys in U

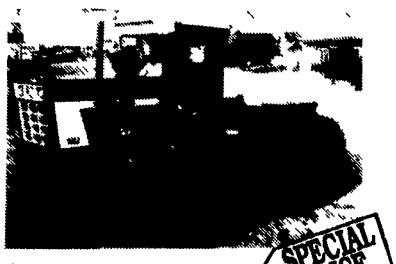
WHITE TAG SALE!!! YEAR-E

ALL USED EQUIPMENT IS

USED TRACTORS

Over 200 Horsepower & 4WD Models

CIH 9170, 3965 Hrs., 20.8x42-20%, w/3 Pt. (W6680)
Was $68,750 **NOW $61,750**



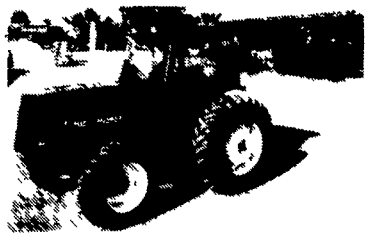
IH 4366, 200 HP, 4 WD, 3 Pt. 10 Speed (W6683)
Was $16,900 **NOW $15,400**

Steiger ST251, Diesel, 20.8x38 And Duals, Cab w/AC, Heat & Radio (W7227)

Steiger ST210, Diesel, 24.5x32, 3 Pt. Hitch w/ Top Link, Cab w/AC, Heat & Radio, New Paint (W7087)
Was $21,000 **NOW $19,500**

Steiger ST225 Tractor 4WD, 4 Hyd. Valves, 10.8x34 Tires, Clamp-On Duals, Cab w/AC, Heat & Radio (W7109)
Was $35,900 **NOW $33,900**

130 To 200 Horsepower



AC 8030, 4WD, WFE, 540/1000 PTO, Powershift, 14.9x28, & 18.4x34 w/ Westendorf WL64 Loader & 72" Bucket w/Grapple (W7092)

Case 1370, Diesel, WFE, 2 Hyd. Valves, 1000 PTO, 3 Pt. Hitch, 11.00x16 & 20.8x38, ROPS (W7394)
Was $9,500 **NOW $8,900**

SPECIAL Case Credit Financing

On 70+ HP Tractors

...3.9% For 42 Months ...6.9% For 60 Months

...6 Months Interest Waiver PLUS 6.90% For 48 Months

Conditions:

1. Order A Used Tractor From Hoober's During Our YEAR-END USED EQUIPMENT SALE
2. Buyer Must QUALIFY for CASE CREDIT
3. Settle By December 31, 1992

80 To 130 Horsepower

AC 6080, 2WD, 540 RPM PTO, 9.5Lx15 & 18.4x38 Tires, Cab w/AC, Heat, Radio (W6054)
Was $13,900 **NOW $9,900**

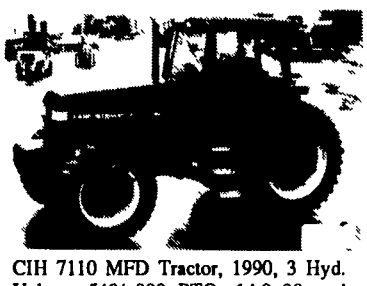
JD 4430, Diesel, 2 WD WFE, 540/1000 PTO, 18.4x38 Rear Tires, Cab w/ AC & Heat, Quad Range Trans. (W7054)
Was $15,800 **NOW $14,800**

Under 80 Horsepower

IH 1466, Dual PTO, 3 Pt Hitch, 11.00x16 & 20.8x38 w/Duals, Cab w/AC, Heat & Radio, 6 Mo. Warranty On Engine, Clutch, TA & Drive Train., Excluding Travel Time (W6962)
Was $14,500 **NOW $12,900**

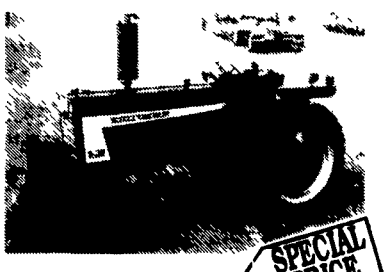
IH 656, Farmall, NFE, 3 Pt. Hitch, 6.00x16 & 15.5x38 (W7365)
Was $6,300 **NOW $5,900**

IH Farmall 504, 2 WD, WFE, 504 PTO, 6.00x16 & 13.9x36 (W7412)



CIH 7110 MFD Tractor, 1990, 3 Hyd. Valves, 540/1000 PTO, 14.9x30 and 18.4Rx42 Tires, Cab w/AC, Heat & Radio, Toolbox (W7342)

JD 4630, 2 WD, 2 Hydr Valves, 1000 PTO 11 00x16 & 20.8x38 w/Duals, Cab With A/C, Heat & Radio (W6934)
Was $19,900 **NOW $18,450**



IH 666, Gas, T/A, 540 PTO, 3 Pt. Hitch, WFE, 15.5x38 Rear Tires (W7240)
Was $7,800 **NOW $6,900**

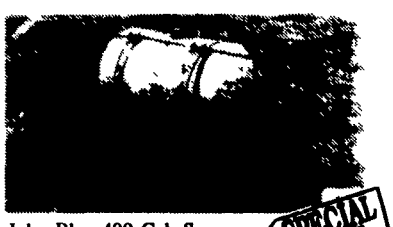
IH 574, Single Remote, 16.9x28 Rear Tires, w/Dunham #22 Loader (W7221)
Was $6,200 **NOW $5,650**

IH 1586 Tractor, 2WD, Dual PTO, 3 Pt. Hitch, 14.2x16 And 20.8x38 Tires, w/ Duals (W7435)

John Deere 2940, 4 WD, Dual PTO, 2 Hyd. Valves, 3 Pt. Hitch, 13.6x24 And 18.4x38 Tires, w/260 Loader (W7421)
Was $26,000 **NOW $24,900**

OTHER USED MISCELLANEOUS

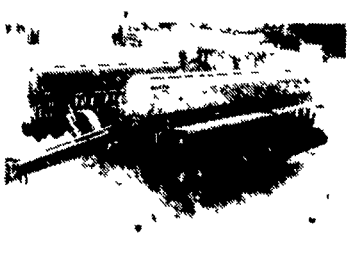
IH 2000 Loader w/Manure Fork (W7192)
Was $1,800 **NOW $1,495**



John Blue 400 Gal. Sprayer Trailer w/Aluminum Tank & L-4000 Pump (V6820)
Was $2,500 **NOW $1,950**

USED PLANTERS AND DRILLS

Great Plains 15' Drill w/Pull Caddy, Needs Blades In Front, 4" Press Wheels (V6677)
Was $5,500 **NOW $4,900**



Great Plains 30' Drill, Folding (V6947)

IH 56 Planter, 4 RN, Plate, Dry Fert. (V7223)
Was $1,250 **NOW $950**

John Blue 400 Gallon Sprayer, Gear Drive, Ag Pump (V6678)
Was $2,800 **NOW $1,950**

All New & Used Products Backed By Hoober Parts & Service

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C.B. HOO INTER

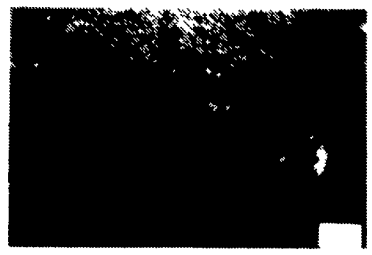
ed Equipment

D INVENTORY CLEARANCE!!!

RICED ON WHITE TAGS

USED DISCS

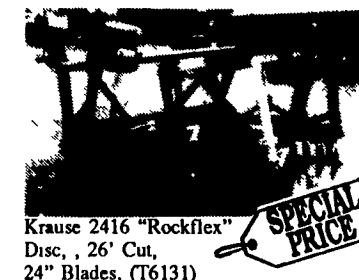
e 2413 "Rockflex" 10" Spacing w C Arms (T6767)
$9,500 **NOW $8,450**



Glencoe 9 Shank Chisel Plow (T7489)

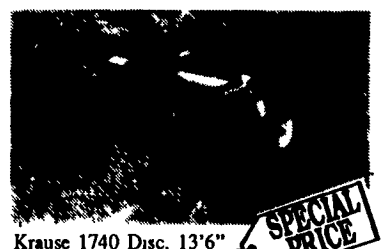
Krause 4515 Chisel Plow (7155)

Krause 2416 "Rockflex" Disc, 26', 20" Blades Front, 22" Blades Rear (T6924)

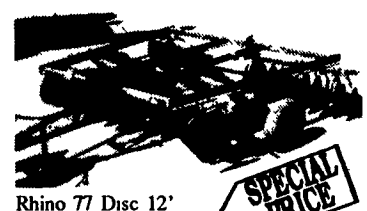


Krause 2416 "Rockflex" Disc, , 26' Cut, 24" Blades, (T6131)
Was $13,900 **NOW $11,900**

se 1577A Disc, 18' 9" Spacing & Rear, 22" Blades Front & Rear, flex (T7076)



Krause 1740 Disc, 13'6" Duals, 21" Blades, Good Condition (T7369)
Was $6,950 **NOW $6,500**



Rhino 77 Disc 12' Rockflex, 19½" Blades (T6806)
Was $4,200 **NOW $3,775**

Krause 2416 "Rockflex" Disc, 26' Cut, 9" Frt & 10" Rr Spacing (T6495)
Was $9,800 **NOW $9,500**

Bush Hog 1560 Chisel, 15 Shank, 19.5' Spring Cushion, 4" Twisted Teeth (T7083)

2300 Disc, Wing (T6964)
$1,500 **NOW $1,000**

All Used Equipment Purchased At Hoober's Is Backed By Service Professionals Who Care About Your Problems!

USED PACKERS & CULTI-MULCHERS

Brillion 28' Packer 11Lx15 Duals, 20" Notched Wheels, New Bearings (T7090)
Was $6,900 **NOW $6,500**

220 Disc, Single-Fold, Flexwing, 18' 9" Spacing, Blades 20" FT & 21" RR, pers (T6079)
$3,700 **NOW $2,975**

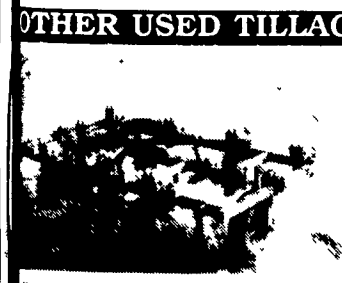
Krause 1428 "Rockflex" Disc, 25' Cut, 8" Spacing (T6343)
Was $4,500 **NOW $3,350**

Miller Disc, 28' Cut, 9.5" Front & 10.5" Rear Spacing, Rockflex, Scrapers (T6160)
Was $8,500 **NOW $6,275**

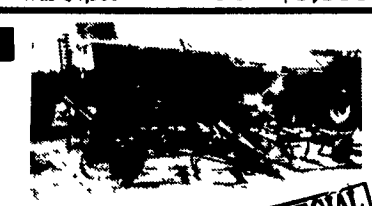
Krause 1425 "Rockflex" Disc, 25' Cut, 8" Spacing (T4973)
Was $6,800 **NOW $3,350**

Brillion 12' Cultimulcher, 15" Crowfoot Rollers On Front, 15" Notched Rollers On Rear, Ribbon C-Shank (T6987)
Was $3,950 **NOW $3,375**

OTHER USED TILLAGE



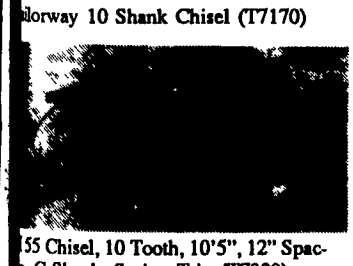
lorway 10 Shank Chisel (T7170)



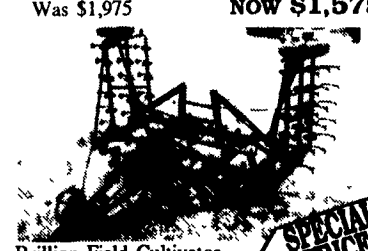
AC 20' Field Cultivator, Folding (T6826)
Was $1,975 **NOW $1,575**

Hiniker 23' Field Cultivator, Hyd. Fold, 12' Transport, Cushioned C-Shanks, 6" Spacing (T7311)

Chem Farms 17' Chisel Plow, Folding w/High Clearance Spring Cushion Shanks, Green (T7134)
Was $3,450 **NOW $2,950**



55 Chisel, 10 Tooth, 10'5", 12" Spac- , C-Shank, Spring Trip (T7329)



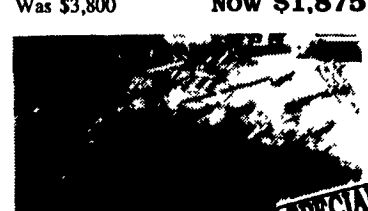
Brillion Field Cultivator, 22' Swath (T5193)
Was $3,800 **NOW $1,875**

Sunflower 25' Field Finisher, Cushion Shank, Tine Drag, 2 Yr. Old, Disc & Paint Excellent (T6663)

IH 710 Plow 6-18", Auto Reset, Semi-Mounted (T6813)
Was $3,900 **NOW $3,300**

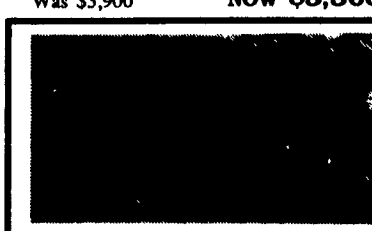
Dunham-Lehr 42 Packer, 25' Flat Fold Duals (T7363)
Was $3,400 **NOW $3,200**

encoe 7 Shank Chisel, Spring Cushion anks, 3" Twisted Teeth (T6971)
s $1,275 **NOW $1,095**



Brillion 24' Field Cultivator (T6684)
Was $1,800 **NOW $1,350**

Brady Chisel Plow, 14' (T6483)
Was $1,950 **NOW $1,695**



IH 315 Cultimulcher, 13'2", C-Shank, 14" Packer Wheels (T7330)

IH 3150 Cultimulcher, 12', 19" Notched Rollers, w/Cylinder & Hoses (T6894)
Was $3,350 **NOW $2,925**

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OO R & SON INC.
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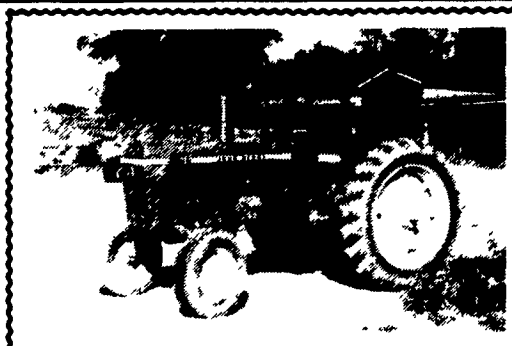

JD 2440
Outlets, 38" Rubber
$7,500
410-833-9091

USED TRACTORS

- JD 4455, cab & air, power shift, MFWD
- JD 4050, cab & air, quad range, like new
- JD 4840, cab & air w/duals
- JD 4450, WFWD, cab, air, power shift
- JD 4440, cab, air, power shift
- JD 4440, quad range, MFWD
- JD 4430, 4 post, excellent
- JD 4430, 1976, excellent
- JD 4250, MFWD, cab & air
- JD 4240, 4 post
- JD 6030, sharp, 4,000 hrs.
- JD 4230, cab & air, power shift
- JD 4230 fender, quad range
- JD 4320
- JD 4020, power shift
- JD 4020, syncro
- JD 3020, diesel
- JD 2555, cab & air
- JD 2550 w/240 loader
- JD 2840
- JD 2350
- JD 2240 w/loader
- JD 1070, MFWD, 400 hrs.
- JD 1050 w/470 hrs.
- JD 2240 w/cab
- IH 5088, cab & air
- IH 3688, cab & air
- IH 1486, cab & air
- IH 666, diesel
- IH 884, MFWD w/2250 loader
- IH 966
- Ford 1210 w/loader & backhoe
- Ford 5000, diesel
- Ford 6600, diesel
- MF 2745, 24 spd., cab & air, 1,400 hrs.
- Case 1494 w/loader, 590 hrs.

Case IH 595, like new, 640 hrs.

INDUSTRIAL

- JD 310 TLB w/cab, excellent
- Case 580 TLB, gas
- MF 200 diesel crawler loader, 4 in 1 bucket
- Gehl 3610 skid loader, demo, 100 hrs.
- Gehl 4400 skid steer loader

USED PLOWS

- White 6 btm. 16" spring reset plow
- IH consertill 10'
- JD 3 btm. roll over plow
- JD 5 btm. on land hitch
- JD 8 btm. 2800 varied width on land hitch plow
- IH 710 8 btm. 18" spring reset, on land hitch
- IH 710 7 btm. on land hitch
- JD 2500 5 btm. 18" spring reset
- JD 2500 6 btm. auto reset

USED COMBINES

- 244 JD corn heads
- 444 JD corn heads
- 443 corn head
- 643 corn head
- JD 215 flex head
- JD 6620, 1982, sharp
- JD 4400, diesel

IH 1640, 400 hrs., like new

HAY EQUIPMENT

- NH 472 haybine
- Gehl 1850 round baler
- JD 346 wire baler w/thrower
- JD 347 wire baler
- NH 310 baler
- NH 320 baler w/kicker, like new
- IH 8420 round baler, like new

MISCELLANEOUS

- JD 7000 4 row planter
- Fox Super D harvester
- NI 2 row wide, 12 roll bed
- Kewanee hyd. fold 20' roller harrow, like new
- Taylorway 25' disc
- JD 110 disc
- JD 115 disc
- IH 760 offset disc, very good
- Kewanee 12' mulcher
- JD 12' mulcher
- Gehl 72C flail chopper, excellent
- Farm Hand F11 high lift loader w/PTO pump
- Gehl 120 feed mill
- Gehl 960 forage wagon w/roof

NEW NI 3626 spreader w/tailgate

D & R EQUIPMENT INC.

Rt. 579, Ringoes, New Jersey
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AUCTION
FEB. 23, 1993
9 AM
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248 Meadow Valley Road, Ephrata, PA 17522
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TRACTORS

- JD 2355 Diesel, Indept. PTO, Dual Hyds., 2200 hrs., w/146 loader $13,800
- JD 4020 Diesel, snycro range, year around cab $6,500
- Ford 7600 Diesel, dual power, load monitor, 38" tires $8,200

GRINDER MIXERS

- NH 358 w/Extension auger $4,200

MANURE SPREADERS

- NH 308 side deliver, 1800 gal. $5,500

HAY EQUIPMENT

- NH 316 baler w/70 thrower, nice $7,200
- NH 849 round baler, auto wrap, nice $5,850
- NH 853 round baler, net wrap $7,700
- NH 310 baler w/70 thrower $2,250
- (2) NH 402 crimper ..... $950 or $850
- NH 311 baler w/chute $3,500
- NH 855 round baler, auto wrap, nice $5,700
- NH 316 Baler w/75 thrower, nice $5,900

CORN PICKERS

- NI 323 1R, Nice $2,450
- NI 323 1R, Steel Rolls $1,850
- NI 324 WR 12 Roll, Late Model $3,250

MISCELLANEOUS

- 1973 Ford 8000 Truck Tractor, 1160 Cat diesel, used last 8 years in our business, has wet line, recent inspection and good rubber
- (1) Used Cold Delco Hi-Pres. Washer, Approx. 1200 PSI, $875, Nice
- Used Engine Block For JD 5010
- (1) Complete Rebuilt JD 4219 Dsl. Eng.
- New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
- 1 Set of Pallet Forks
- 354 Perkins Engine Parts
- 16.9x34 new tires
- (1) 12' 3 Pt. Power Rotary Hoe

TILLAGE

- (1) White 6342 4 Bottom Roll Over Plow
- 1 Used Kewanee 273 Field Cultivator, 18' Nice
- New White 256 disc, 12'8"
- New WFE 508 4x18 semi-mount plow
- New WFE 6342 3 btm. roll-over plow
- New Kewanee 1175 disc, 18' SPECIAL PRICE
- Used Kewanee 775 disc, 14', new in Spring 1991
- 1 Used Brady field cultivator w/rake, 13'

NEW WHITE TRACTORS

- White 145 4WD
- White 6065 4WD
- Duals to fit White 170 or 195 20.8Rx42 used 40 hrs.
- White 6105 4WD w/ Cab
- White 170 4WD w/ duals
- White 6085 4WD cab, loader

HARVESTING EQUIPMENT

- New Hay Tedders
- New Bale Wagons

PLANTERS

- 1 Used White 5100 4R Corn planter, liquid
- (1) Used JD 700 SOLD As Is

KÄRCHER
High-Pressure Washers.
The #1 Line Of Pressure Washers In The U.S.A. They Have Features Reliability & Longevity That The Competition Can't Touch

USED TRACTORS

- (1) Ford 4000 Diesel, Select-O-Speed 13.6x38 Rear Tires
- (1) Ford 7000 Diesel, 15.5x38 Rear Tires
- JD 414 Power unit w/clutch & shut down switches
- 1989 JD 2555, 4WD, w/loader, excellent, 410 hrs.
- 1987 White 2-135 Series 3, 4WD w/cab, 1300 original hrs., excellent

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CHRISTMAS - CLOSED FRIDAY AND SATURDAY, DECEMBER 25 & 26, 1992
NEW YEAR - CLOSED FRIDAY & SATURDAY, JANUARY 1 & 2, 1993

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142 East Farmersville Road, Ephrata, PA 17522
Located In Village of Farmersville

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WINTER SERVICE

Here's the Deal!

Overhaul for 20 & 30 Series
6 cyclinder engines.
Less than **$2,000**

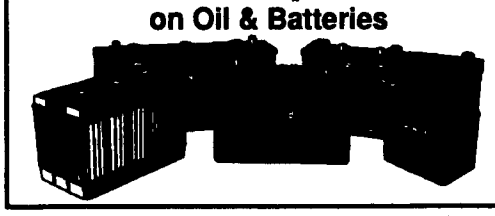
Electronic Test Stand for Planter Units $12.95

Winter
Parts and Service Special thru January 31

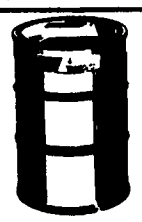
FREE Inspection on Planters, Hay and Forage Equipment
FREE Collector's John Deere Mug with a service work order

Special End of the Year Part Sale
10% Discount
for Dec. 28 to Dec. 31
Take advantage of this year end special

Discounts Up to 30% on Oil & Batteries



Oil Hy-Gard
5 gal. **$24.49**
55 gal. $238.00



15W40 + 50
55 gal. $249.00

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Nothing runs like a Deere™

TRACTORS

Case 930 WF, gas, nice	Coming In
JD 4255, cab, PS, 408 hours, like new	Coming In
JD 4640, cab & power shift	Coming In
JD 4430, cab & air, quad, radial tires, excellent	Coming In
JD 2840 tractor	Coming In
JD 4230, cab & quad, excellent	Coming In
Mitsubishi 210D, MFWD, 21 HP, w/Woods RM59 3PT Mower	$ 7,540
AC 7040 Cab & Air, PS	$ 7,900
MF 85 Tractor	$ 2,500
Farmall 460 Gas	$ 2,500
MF 1085 Cab, 2500 Orig. Hrs.	$12,900
Farmall H w/Loader & Blade	$ 1,350
Farmall 400 PS, NF, Fast Hitch	$ 2,400
JD 8630 4WD New Engine, 3PT, PTO Duals	$26,900

HAY EQUIPMENT

NH 495 Haybine	Coming In
NH 479 Haybine	$ 1,950
JD 1219 Mowco, Excellent	$ 5,850
NH 1495 Self Propelled Windrower, 12' Head, Ford Gas Engine, 1600 Hrs., Excellent	$14,500
Gehl 2350 Discbine, 3 Yrs. Old	$ 6,500
Gehl 2350 Discbine, 2 Yrs. Old	$ 8,450 $ 6,995
Hesston 1014 12' Hydro Swing	$ 2,985

COMBINES & HEADS

JD 6600 combine, diesel, 2600 hours, excellent	Coming In
JD 443 Corn Head	Coming In
JD 343 cornhead	$ 2,950
JD 4400 Combine, Gas	$ 4,995
JD 6600 Combine, Parts	$ 2,300
MF 510 w/Cornhead & 13' Grain Platform	$ 4,995
JD 213 Flexhead, Yellow Reel	$ 2,200
NI 844W Cornhead	$ 1,600

MISCELLANEOUS

JD 148 Loader, Independent valve	Coming In
Dual wheels 18.4x34, snap ons w/tires	$ 750
Hesston Stacker #10 w/mover	$ 1,100
Dual wheels 20.8x38, snap-ons w/tires	$ 1,150
Kwik Way Blade	$ 400
3PT Blade Green	$ 300
Woods Belly Mower	$ 500
Case Rotary Mower	$ 150
Spreader Box	$ 400

NEW JD 913 Rigid Platform w/Bat Reel Pickup Special ***$5,795*** (Invoice Price)

TILLAGE

Krause 3200 series plowing disc	$ 5,995
JD 1350-1450 5 Bottom Plow, Like New	$ 1,800
JD 2 Btm. Trailer Plow	$ 300
JD 3 Btm. 3PT Box Beam Plow	$ 885
JD 3 Btm. 45 Plow	$ 775
JD 5 Btm. Trip Plow	$ 1,000
JD 6 Btm. Trip Plow	$ 1,650
MF 880 5 Btm. Hyd. Reset	$ 2,500
Pittsburgh 6 Btm. Spring Reset Plow	$ 7,950
JD KBA Disk 12'	$ 750
White 283 Offset Disk 10'	$ 4,350
Power Harrow	$ 650

MANURE SPREADERS

NI Manure Spreader	$ 600

GRAIN DRILLS

JD 450 Drill, 21 DD, 7½ " Spacing, w/press wheels, like new	$ 5,950
IHC 510 drill, 13 discs	$ 1,995
IHC #10, 18 Hoe	$ 1,850
Hay Buster No-Till Drill	$ 3,500

PLANTERS

JD 7000, 4R, no till, dry fertilizer	$ 4,950
JD 7000 4R Conservation Planter w/Liquid & Frame-Mounted No-Till, Excellent	$ 7,850
JD 1240 4 Row Insect. Shoe, No Markers	$850 $ 700
JD 7000 Conservation 6 Row	$ 8,500

FORAGE EQUIPMENT

NH 782 w/2R Cornhead, Model 822 w/Grass Head SOLD	Coming In
NI 709 Unisystem w/767 Chopper, 3RN Cornhead and 866 pickup, 2100 original hours, excellent	$24,900
JD 716A Forage Wagon w/12 ton chassis	$ 6,250
JD 3940 Harvester w/electric controls, 540 RPM W2RN & 5½ ' pickup, excellent	$11,300
JD 4R Forage Head, Narrow Row	$ 9,750
JD Cutterhead For Self Propelled Harvester	$ 2,500
IHC 1 Row Harvester Model 350	$ 850
JD 216 Forage Wagon w/Gehl Tandem Gears	$ 2,450

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Merry Christmas

IH 1486 cab & air	$9,900
IH 856, excellent condition	$8,500
IH 1466, factory cab & air	$11,500
IH 1086 cab & air, new TA, clutch	$14,900
IH 1066, new engine, new TA & clutch, new rubber & paint	$12,500
IH 1066	$6,900
IH 244 4WD, 600 hours	$7,900
IH 656 hydro	$5,500
IH 966 hydro	$9,900
IH 1486 cab & air, new TA, clutch & rubber	$15,900
IH 584, showroom condition	$8,500
IH 574 w/loader	$6,900
2 cabs to fit IH 706 to 1466 tractors	$400 & $650
IH 826, recent engine & TA overhaul, new rubber, 4600 Hours	$6,900

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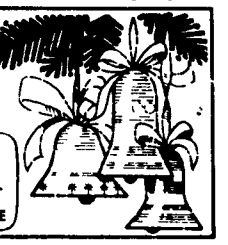

TRACTORS
NEW
6200 MFWD-CG
3255 MFWD, cab
3055 4 post
5200 2WD
5400 MFWD
6400 CG
2355 MFWD
USED
JD 430 2 Cyl. W.F.
JD A Unstyled oil peg, v.g.

COMPACT UTILITIES
NEW
670, 770, 970, 755, 855, 1070
USED
AMT 622 nice

HARVESTING
NEW
JD 915 Flexhead
JD 9400 Comb.
USED
JD 444 Cornhead
IH 303 Combine
10' G.H. 2 RW C.H.

PLANTING
NEW
750 No till drill, 10' & 15'
7200 4R dry fert.
7240 11R liquid fert.
450 17DD drill
USED
IH 56 4 RW Planter, Dry Fert.
AC 4 Row No-Till Corn Planter (Liquid)

TILLAGE
NEW
610 Chisel Plow 8'
960 Field Cultivator
635 disc 12'2"
825 6RN 3 pt. cultivator
2000 4X spring reset semi-mount plow
Kverneland plows
USED
JD 210 Disc 12' New Blades

SKID LOADERS
NEW
575, 675

HAY EQUIP.
NEW
1360 Discbine
Pequea Hay Tedder
16A Flail Chopper
1219 Haybine
338 baler w/#40 ejector
335 round baler
435 round baler
6 SOLD ke
USED
Hesston Stack-hand #10
JD 1207 Haybine
1327 Discbine

MISC.
NEW
JD 25A Flail Cutter
403 Rotary cutter
503 Rotary cutter
603 Rotary cutter
516 Rotary cutter
717 Rotary cutter
550 manure spreader
720 running gear
95 3 pt. scrapers
1508 rotary cutter
1008 rotary cutter
Unverferth gravity bin
Unverferth header wagon
USED
IH manure spreader
JD AT40 cult. for 3020
Meyer 360 Equalizer Spreader
#50 Snow thrower for Cub lo-boy, like new
JD 40 Manure Spreader
JD 25A Flail Mower
Century 500 Gal. Sprayer, Hydr. Booms, Mech. Agitator
2 R Braco Potato Harvester w/PTO Drive

No-Till 750 Grain Drill For Rent
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We Appreciate Your Business And Would Like To Continue To Serve You In 1993

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CASE IH
MAXXUM 5130
power shift, 18.4x38 radials, 2,000 hrs. w/warranty w/IH 510 quick attach loader, self leveling w/big bucket
$24,500
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or
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CAH, 24 Spd., 4,000 Hrs., Outlets w/MF 246 Loader
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Case IH
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4 Wheel Drive
3 Years Old!
Duals, Full Set Of Weights
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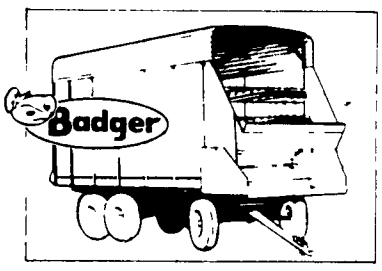
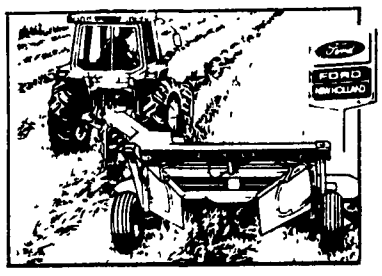
Greeting you at Christmas with sincere wishes for a joyous time.
Thanks for your continued patronage.





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Lawn & Garden

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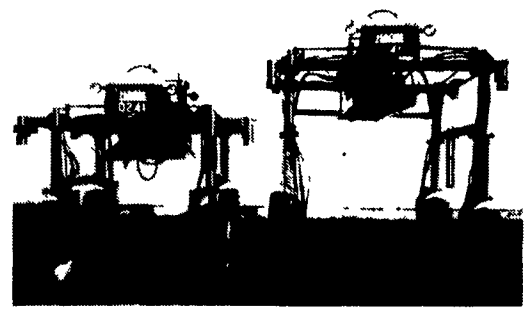
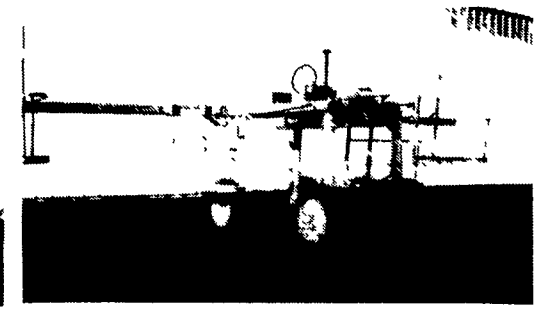
What Can These Machines Do For You?





Sprayer	Carrier	Scouting
Cutter	Topper	Pruner
Picker	Applicator	Transplanter

Irrigation Service Vehicle
4 Different Models In Stock Starting At $1200

Plain View Farms
Worton, MD 21678
(410) 778-1065

Norm Shores & Son Tractor
RR 5, Towanda, PA 18848
717-265-9014

Delivery Available-Lease Financing Available

USED TRACTORS

- Ford 7710 Series II, 4x4, no cab, w/Ford 777F loader, 1500 hours, very nice
- Ford 6600 diesel, dual remotes, front & rear weights, nice clean tractor
- Ford 5000 Dsl., 8 spd., flat deck model w/dual remotes, good condition
- Ford 4000, 4 Cyl., gas, 5 speed, live PTO, PS, remotes, excellent
- Ford 801 Dsl., 5 spd., live PTO, PS, weights, remotes, new paint
- Ford 9N w/weights, front snow plow, excellent
- JD 4440, cab, air, quad range, front weights, rear weights, dual remotes, 20x38 radials, nice clean tractor
- JD 4050 4x4, cab, air, power shift, fully equipped, excellent
- IH 886, factory cab & air, 1980 model, 1800 original hours, excellent condition
- IH 966 w/roll bar & canopy, 18x38 tires, difflock, very nice
- IH 986, 1980 Model, cab, air, dual remotes, digital, excellent
- IH 1086, 1981 Model, cab, air, dual remotes, 20x38 tires, digital, fresh TA and clutch, front weights, excellent
- Case 1070 power shift w/factory cab & heat, dual remotes, dual PTO's, 18x38 tires, weights, good condition
- White 2105, cab & air, very sharp
- Oliver 770 Dsl., NF, power booster, power steering, late one, excellent
- Oliver 950 w/Oliver dsl. engine, factory hydraulics & PTO, very good original condition
- Oliver 990 w/GM dsl., factory hydraulics, PTO & belt pulley, very rare tractor
- David Brown 990 dsl, remote hydraulics, live PTO, Power steering, nice clean tractor
- David Brown 1212, power shift, dual remotes, front weights, excellent
- AC 200 dsl. w/factory cab, nice clean tractor

1988 Ford NH 555 Delux Skid Steer, Kubota Diesel, 1064 Hours, Excellent

USED PLANTERS AND DRILLS

- HD 1240, 4R plateless w/dry fertilizer, good condition
- JD 7000 4 RW, conservation, dry fertilizer, no tills,

USED PLOWS AND CHISELS

- Oliver 548 4x16 Spring automatic w/coulters, very nice
- White 598, 4 bottom, variable width, auto reset, very good condition
- Case 6x18 auto reset w/coulters and gauge wheel excel. (White 588)
- Oliver 4340 3x16 trailer plow, excellent original condition
- Oliver 548 5x16 auto reset w/curved coulters, side hill hitch gauge wheel, excellent
- Glenco 9 tooth soil saver, very good condition
- Glenco 7 tooth soil saver, good condition
- IH 720 4x18 auto reset, coulters and gauge wheel, very nice
- IH 710 5x16 Auto Reset, coulters & gauge wheel, very nice

USED DISCS AND HARROWS

- JD 310, 14' finishing disc, new 22" deep dish blades, tandem wheels and cylinders, excellent
- Brillion 12' packer w/4" axle, very nice
- White 265 11' heavy frame cutting disc w/tandem wheels & 24" blades

USED FORAGE EQUIPMENT

- Gehl CB700 w/late style dolly wheel pickup head, hydraulic sharpener, manual controls
- Gehl RC800 recutter blower, very nice
- Gehl 1060, tandem axle, electric controls, 2RN, 7½ ' pickup head, excellent condition
- Gehl 1250, tandem axle, electric controls, 3 RN, 7' pickup, nice condition
- Rex 3 beater w/roof tandem axle wagon, steel sides, very nice condition
- NH 900 w/electric controls & tandems w/FNH 824, FNH 900 pickup, excellent
- NH 782, electric controls, 540 PTO, 2 heads, good condition
- JD 3960, 3 RN or 2 RW, 2RN 5' pickup, fully equipped, excellent
- IH 56 forage blower, black stripe, excellent

USED HAY EQUIPMENT

- JD 640 rake w/dolly wheel & rubber teeth
- NH 320 w/#70 thrower, electric controls, just like new
- NH 316 w/pan kicker, electric controls, excellent
- NH 495 12' Haybine, very good condition
- NH 256 Rake, w/rubber teeth, nice
- New quality Diller 8x18 bale throw racks w/choice of 6 or 8 ton gears

LOADERS

- Farmhand 190, QT w/independent valve, JD brackets, like new
- Ford 772 QT w/brackets for 5000 thru 7610

USED HARVESTER HEADS

- NH 3 RN Auger base package w/8' pickup
- JD 2RW w/clutch
- JD 3 RN corn head w/multi luber, good condition

Martin Tractor
856 Greenspring Rd.
Newville, PA 17241

Used Tractors
• JD 4320, $8,500 • MM 670 $2,500 • JD 2510, $4,700 • Ford 961, $2,500 • Oliver 770 $1,600 • AC 7045 P/S $7,500 • JD 2010D $2,300

Used Tractor PARTS
Most Makes And Models
Have Large Selection

Recent Arrivals: JD 4020; MM UB; JD B; IH 856; Ford 4600; IH 1586; JD B; JD 2120; IH 2500; IH 574, IH 404; Oliver 1855 4WD; JD 2440; MH 30.

Call (717) 776-7542
for detailed information
MON-FRI 8-5 SAT 8-12
No Sunday Calls Will Ship UPS
No Out-Of-State Personal Checks

TRACTORS
MF 285, 8 speed, good rubber, new paint
MF 165 diesel, 28" rubber, new paint
MF 135 gas
MF 35 gas w/power steering & loader

EQUIPMENT
Ford NH 520 manure spreader (new)
Int. 510 7x18 double disc drill
JD 325 3 pt. 3 bottom hyd. reset
JD F355H, 5 bottom, hyd. reset plow
8 tooth chisel plow
Oliver 565, 4 bottom semi-mount plow
MF 4 bottom, semi mount plow
MF 880 5 bottom spring reset plow
Brillion packers
10' SOLD mulcher
Field cultivators different sizes & makes
3 pin 7' scraper blade
Used Brillion cultipacker and cultimulcher parts
New farm and corral gates
3 pt. McKee snow blower
Sauders snow blade

MF Tractor Parts Dismantling: 20, 30, 35, 40, 50, 65, 85, 90, 135, 150, 165, 175, 178, 180, 1080, 1085 w/cab, 1100, 1130, 1135, 1150 w/cab, 1155, MH 44, NH 785 skid ldr. and Case 1835C skid ldr. for parts.

NOLT'S EQUIPMENT
403 Centerville Rd., Newville, PA 17241
(717) 776-6242 No Sunday Calls
No Out-Of-State Personal Checks
We Ship UPS

FORRESTER FARM EQUIPMENT LTD.
1475 Orchard Rd. Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service

NEW FORD TRACTORS
Ford 1520, 4WD
Ford 1620, Hydro
Ford 1720, SSS
Ford 1920, 4WD, SSS
Ford 8630, Power Shift

NH EQUIP.
NH 258 Rake
NH 451 Mower
NH 492 Haybine
NH 499 Haybine
NH 790 Hay Head
NH 185 Manure Spdr
NH 155 Manure Spdr.
NH 125 Manure Spdr.

FORD LAWN & GARDEN
LT10 w/38" Deck
LT12 w/38" Deck
YT18 w/48" Deck
GT 95 w/60" Deck

Located: 1 Mile Off Exit 8, On 696
North To Orchard Rd.
Hours: 8:30-5:00 Monday thru Friday
8:30-12:00 Saturdays
We Accept VISA & MasterCard
We Ship Parts UPS Daily

Int: 1466; 1466 w/cab; 1486 w/cab; 1086 cab; 1066; (4) 1066 w/cabs; 966 w/cab; 806 w/cab; 886 w/cab; 856 w/cab; 786; 706 w/cab; 706; 766 w/loader; 686; 684; 656 w/cab; 560; 460; 340; Cub. JD: 2010; Ford 9N; Ferguson 35; Ferguson 35 w/loader; AC 160 w/loader; AC C: JD 70 skid steer.

Coming In: Int. 806 w/cab; 400; JD 2840 w/loader.

Happy Holidays
Leader's Farm Equipment
Everett, PA
814-652-2809

GUNTHER HEUSSMAN INC.
4801 S. 5TH ST., EMMAUS, PA 18049 215-965-5203

QUALITY TRACTORS
JD 4050 Diesel, Cab, Air, 15 Speed Power Shift, 2600 Hrs., 1 Owner, Excel. Condition
JD 3150 MFWD, Cab, Air, 900 Hrs., Dual Hydraulics, 18x38, Excellent
JD 4840 Cab, Air, Power Shift, 18x42 Duals Weights, Very Nice
1977 JD 4630 Diesel, Cab, Air, Quad Range, 20x38 Radial, Very Nice
1988 JD 4250 Cab, Air, Quad, 2100 Hrs., 20.8x38 Radials
1979 JD 4640 Dsl. Cab, Air, Quad Range, 20x38 Radials, Front Weights, Very Good
JD 4440 Diesel, Cab, Air, Quad Range, Very Nice Condition
JD 4440 Diesel, Cab, Air, Power Shift, New Tires, Very Good
'81 JD 4240 Cab, Air, Quad, 18x38 Tires, Very Good Cond.
JD 4320 Diesel, Factory Cab, Very Good
JD 4020 Diesel, Side Console, WF, Syncro, Local Trade
JD 2955 Diesel, Cab, Air, Low Hrs., Excel. Condition
JD 2950 Dsl. Fender, HI Lo, 18x38 Rubber, Very Good Condition
JD 2350 Diesel, Cab, SOLD 2500 Hrs., Very Nice
JD 2355 Diesel Fender w/Roll Guard, 2600 Hrs., Excel. Condition
JD 2150 Diesel, 2000 Hrs., 1 Owner, Very Nice
IH 1086 Diesel, Cab, Air, Very Nice
IH 986 Dsl., Cab, Air, Dual Hyd. & PTO, 18x38 Tires, Very Clean
IH 686 Dsl., 3 Pt. Dual Hydraulics, 16x38 Rubber, WF, Very Nice
IH 966 Diesel, Cab, Air, Black Stripe, Triple Hyd., 1838 Excellent Condition
IH 966 Diesel, Fender, 18x38 Tires, Very Good
IH 666 Gas, 3 Pt. Dual, Hydraulic, WF, Very Good
Ac 7020 Diesel Cab, Air, Power Director 3000 Hrs., Very Nice
MF 135 Tractor, Exceptional
Ford 2000 w/Power Steering, Very Nice
Ford 3000 Gas w/Loader, Good Condition

PLOWS
IH 735 6 Bottom Variable Spring Reset
IH 720 6 Or 7x18 Spring Reset On-Land Hitch
IH 710 6x18 Spring Reset, Onland Hitch
IH 720 4 Or 5x20 Spring Reset
IH 720 5 Or 6x20 Spring Reset
IH 720 5 Or 6x18 Toggle Trip
IH 720 5x18 Spring Reset
IH 720 4x16 Spring Reset
IH 720 4x18 Spring Reset
IH 710 5x18 Spring Reset
JD 2800 6 Bottom, Variable Spring Reset
JD 1450 4x18 Trip

Delivery & Financing Available
6500 Bale Wire In Stock

QUALITY COMBINES
(Displayed Inside Building)
1984 JD 6620 Diesel, Cab, Air, 1100 Hrs., Fully Equipped, Excellent
1984 JD 6620 Diesel, Cab, Air, Hydro, 2000 Hrs., Very Good
JD 4420 Diesel, Cab, Air, 1600 Hrs., Fully Equipped, Very Nice
IH 205 w/Cab, 10' Grain Platform, Pickup Reel, Good, 1 Owner Combine
1980 Gleaner F2 Diesel, SOLD Cab, Air, Hydro, Very Nice
1978 Gleaner F2, Cab, 700 Hrs. 13' Flex Head, Very Nice
Gleaner E w/10' Grain Platform, Very Good
JD 915 Flex Head
JD 213, 215 & 216 Flex Head, Good Selection
JD 213 & 215 Rigid Heads
JD 15' Quik-Tach Grain Platform, Floating Cutter Bar

PLANTING EQUIPMENT
JD 7000 4R Cons., Dry Fertilizer, Insecticide Monitor, Notill Coulters
JD 750 No-Till Drill, Grass Seed w/Dolile Wheels 15', Very Good
NI Kinze 9000, 6R Double Framed, Dry Fertilizer, Insecticide, Frame Mounted Coulters, Monitor, Excel. Cond.

NEW ARRIVALS
1982 IH 1420 Cab, Air, Hydrostatic, 1000 Hrs., 1 Owner, Like New
JD 8350 24x6 DD, Grass & Fertilizer Attachment
IH 730 4 Base Spring Reset, Variable Width
1975 JD 3300 Gas, 1200 Hrs., Rotary Screen, Very Good
JD 7000 4R Dry Fertilizer, Insecticide, Monitor, Excel. Condition
JD 27 Stalk Shredder, 2 Yrs. Old, Like New
Extendable Bottom For JD 2500 Spring Reset Plow

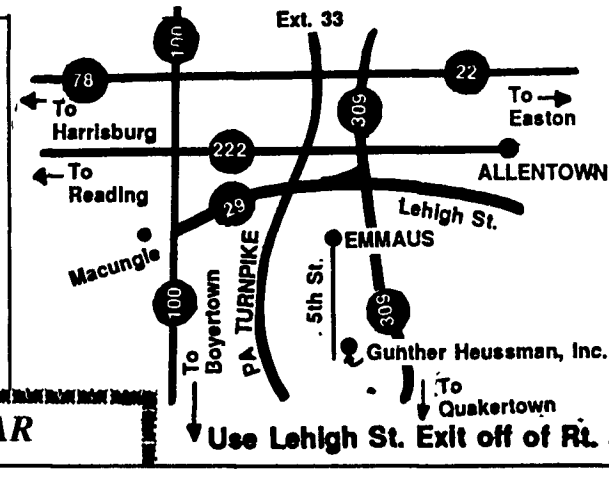
CORN HEADS
JD 244 2RW
JD 343, 3RN
JD 443, 4RN
JD 444, 4RW
JD 444 Oil Bath
JD 643 Oil Bath
AC 238 Corn Head
AC 430 Black 4RN For F2
AC A438 Black, 4RW For F2
IH 843 4RN

DECEMBER SPECIALS
JD 346T w/30 Ejector	$3,250
NH 782 Harvester w/PU	$2,850
JD 215 Flexhead	$2,200
JD 444 Corn Head	$1,250
AC 238 Corn Head	$350
JD 12' Roller Harrow	$850
IH 460 WF	$850
JD 4320 WF	$6,200
Brady Stalk Shredder	$1,200
NH 1034 Bale Wagon	$4,800

HAY EQUIPMENT
JD 430 Round Baler
JD 346T w/30 Ejector
JD 347 Baler w/Ejector, Very Nice
JD 347 Wire Baler w/40 Ejector, Very Nice
JD 328 Baler w/4 SOLD ector, Like New
Ford NH 311 Baler, Used Very Little
NH 846 RB, Very Good
NH 847 Round Baler, Very Good
NH 851 Round Baler, Good
NH 853 Round Baler w/Bale Command, Very Good
NH 855 Round Baler, Memory Wrap, Very Nice
Ford NH 489 Haybine, Excellent Condition
NH 488 Haybine, Very Good
NH 489 Haybine, New Rolls
NH 38 Flail Chopper, Very Nice
New Farmco 18' Steel Side Hay Wagons
Deutz Fahr 6 Star Hay Tedder
NH 256 Rake
NH 258 Rake w/Dolly Wheel
NH 1002 Bale Wagon, 56 Bale Capacity

TILLAGE
JD 230 19' Hyd. Fold Disc, Very Good
Miller 12' Offset Disc, 3 Bar, Excel. Cond.
JD 1710 Mulch Tiller, 9 Shank w/New Blades
IH 490 20' Hyd. Fold Disc, 22" Blades
Brillion 15' Cultimulcher, Inboard Wheels
JD 12' Roller Harrow
JD 950 10 & 15 Ft. Roller Harrows

MISCELLANEOUS EQUIPMENT
NI 325 2RN, 12 Roll Bed, Very Good
Brady 4R Stalk Shredder
18x38-18x34-16x28 Duals
JD 37 Loader w/Hydraulic Bucket
JD 4 & 6 Row 3 Pt. Cultivators
Lely 3 Pt. Fertilizer Spreader, Excel. Condition
NI 12' Fertilizer Spreader, Good Condition
Mel-Cam Rock Picker, Like New
IH 2350 Quik-Tach Loader
Year Around Cab To Fit IH 706 Thru 1256
JD 260 Loader
Artsway Model 400 Grinder Mixer



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WE WISH YOU A MERRY CHRISTMAS AND A HAPPY NEW YEAR

WE ARE CASH BUYERS FOR CLEAN, LATE MODEL FARM EQUIPMENT

Smith's Implements, Inc.

12258 Buchanan Trail West, Mercersburg, PA
Phone (717) 328-2244 & 2226

JOHN DEERE

USED TRACTORS

JD 3155 Tractor w/cab & 4 WD, approx. 1500 hours ..... **Call For Details**
JD 4320 Tractor w/roll bar & canopy, good condition, Coming In ..... **Call For Details**
★ JD 2350 Tractor 2WD, Hi-Lo Trans, Dual Outlets ..... **Reduced $12,200 ★ $11,500**

HAY & FORAGE EQUIP.

JD 1209 w/non-clog guards **$1,800**
JD 5460 self-propelled forage harvester w/power rear wheel assist, one owner w/JD dura drum cutter head ..... **Call For Details**
JD 1600 12' swing arm mower conditioner, 2 years old, coming in ..... **Call For Details**
JD 5730 self-propelled forage harvester, 1987 model, metal detector and spout track ..... **Call For Details**
★ JD 3800 Forage Harvestor ..... **★ $900**
JD 7' Hay pickup head w/gauge wheels ..... **Call For details**
★ JD 714 Forage Wagon w/third beater w/JD 1275 tandem running gear ..... **★ $4,000**
★ JD 3960 Forage Harvester w/Long Tongue, Manual Controls, Made Field Ready! ..... **★ $6,600**
★ NH #8 Forage wagon w/tandem action running gear, good condition ..... **★ $2,000**
★ Case 330 square baler w/thrower ..... **★ $550**
Gehl Model BH1500 3 pt. hitch round bale mover **$1,100**
★ JD 343 Snapper Head for combine or forage harvester ..... **★ $1,800**

PLANTING EQUIPMENT

JD 7000 4RW corn planter w/no-til attach, and dry fertilizer ..... **Call for Details**
JD 7000 6 row conservation corn planter w/dry fertilizer and many extras, coming in ..... **Call For details**
★ AC 333 4R no-till corn planter ..... **★ $1,700**
JD FB-B Fert. Drill w/Grass Seed Att'h **$125**

MISC.

★ JD 2500, 5X plow w/6X that can be attached, spring reset, semi mount ..... **★ $4,200**
JD 780 hydro push manure spreader w/high flotation tires & hydraulic end gate ..... **Call For Details**

★ Year End Inventory Reduction. ★
★ Discounted Prices ★

Best Buys in Used Equipment

USED TRACTORS

IH 3388
IH 1086 w/ROPS
IH 1066 w/cab
Case IH 1896 w/cab, very nice

Case IH 7120, MFD, less than 25 hrs. w/balance 4 year warranty

USED EQUIPMENT

IH 784 diesel tractor w/loader
IH 2255 front end loader
IH 450 4 bottom mounted, auto reset w/ coulters
JD 4200 - 3 bottom rollover plow
JD 5 bottom semi-mounted auto reset $800.00
Brillion cultimulcher 14 ft., $900.00
Ford - 4 Bottom semi-mounted plow
Century 500 gallon sprayer w/centrifugal pump
NH 356 baler
NH 258 hay rake
NH #36 crop chopper
IH 4500 vibra shank, 3 pt. hitch, 19'
Wetmore grinder mixer, 130 bu. ~~$1,500~~ $1,000
Oliver 4 btm. mounted plow, 16"
JD 16' transport harrow
Case model 500 6 btm. plow, auto reset
JD 450 4 btm. plow w/shifting hitch
IH 9' drag harrow
IH 510 grain drill, single disc w/fert., nice
JD 7000 4 row corn planter w/fert. & insecticide

GRAIN HARVESTING

JD 4400 Combine w/rotary air screen, 2,500 hrs., nice
Gleaner Model G Combine, diesel w/4 row narrow head & grain head
IH 810 15' head
McCurdy 230 gravity boxes
McCurdy 275 gravity box

Badger 2600 Harvester w/2 row corn head w/2 row snapper head w/5' hay pickup ..... ~~$3,500~~ $2,500

NEW HAY TEDDERS IN STOCK

1 - Stoll tedder rake

USED HAY EQUIP.

Gehl 99 blower
NH 1499 self propelled haybine w/only 720 hrs.
NH 469 haybine
(2) NH 489 Haybines

Eckroth Bros. Farm Equipment

RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

caseIH

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Rt 652, Midway Between Indian Orchard and Beach Lake.
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WE SHIP PARTS DAILY BY UPS.

Hours: 8-5 Mon.-Sat.

HAY & FORAGE

HAYBINES:
NEW IDEA: 270, 272 Cut/Ditioners
NH: 472, 479, 489 **GEHL:** 1070
HESSTON: 1070, 1071, 1090, 1014 Hyd Swing
DISCBINES: **DEUTZ:** SM70
BALERS: **HESSTON:** 4600 w/Thrower
N.H.: 630, 847 Round Balers **D/A:** HD 490 w/Thrower.
N.I.: 483, 484 Round Baler, Demo ***FORAGE HARVESTERS:*** **HESSTON:** 2000-100, 2000-150, 7020 w/Your Choice Of Heads, 7140, JD 3800, Gehl 970 Forage Box & Gear
LARGE SELECTION OF PICK-UP & CORN HEADS. CALL FOR YOUR NEEDS.
FLAIL CHOPPERS: **N.H.:** 38 ***FORAGE BLOWERS:*** **N.I.:** 620, 622, Gehl Blower w/Re-Cutter
NI Rakes, Fahr Four Star Centepede Tedders, New Deutz Fahr KS 2 60 Dual Rotary Rake w/Hyd Fold For Easy Transport 19½ ' Working Width
10'x24' Tandem Axle Hydraulic Dumping Round Bale Hauling Trailer
Equipment For High Moisture Corn, McKee Corn Hog, Kool Regrinder Blower
White Top Harvester Silo, 20x32 w/Unloader, Torn Down Ready To Load Delivery Available

CHECK OUT Our Tillage Equip.

TANDEM DISCS:
IHC: 350 Smoothing 14 Ft , 37 Smoothing 14 Ft
WHITE: 13 Ft
BUSH HOG: 12 Ft , 14 Ft Plowing 13 Ft Smoothing
AC: 2300 10 Ft
MASSEY FERGUSON: 10 Ft Leveling, 12 Ft Smoothing
KEWANEE: 800 Super Flex 14 Ft , 18 Ft & 13 Ft Rock Flex
JD: RWA 13 Ft Smoothing, BWA 12 Ft Smoothing
OFFSET PLOWING DISCS:
BH: 12 Ft Reconditioned
MILLER: 11 Ft 3 Bar, 14 Ft
KEWANEE: 12 Ft Demo
JD: 14 Ft 340 Rebuilt , TWA 10 Ft
ATHENS: 11 Ft Tandem
PLOWS:
JD: 2800 7 Bottom On Land Hitch Reset, 2500 5X Semi-Mount Reset, 3600 4X And 5X Spring Reset Trailer
IHC: On Land Hitch 710 6X, 720 8X, 720 6X, 735 Variable 5X 7-14 Shank 3 Pt Chisel Plows
Brillion 16 Ft And 18 Ft (Danish Tine) Spring Tooth Harrows
BRILLION: 9 Shank Soil Saver
7-14 Shank 3 Pth & Trailer Chisel Plows

SPECIALS
Better Built 1500 Gallon Vacuum Spreader With Injectors
Excellent Condition
$4,975

TEST DRIVE One Of These In Our Yard

HI CLEARANCE: Ford 2000, Farmall Super A
AC: 7010 w/Cab, PS, 7000 w/Cab; 6080 w/ROPS & Sunroof, 6060, 5040 w/Ldr ; 200 w/Cab, 190XT Diesel, 185 Diesel; 180 Diesel, D12, D10 w/Woods L159 Mower **Farmall:** 686 Diesel, 806
CASE: 385 Utility Tractor w/Hydraulic Drive Sickle Bar Mower, 1175

DEUTZ: 7085 w/Cab 2WD; DX140 w/Cab, DX90 4WD. **FORD:** 5000 D, 4000 w/Ldr , 3000 w/Ldr , 8N's, 540A w/ Cab, 335 w/Ldr. & Cab - 641 w/Rotary Mower **KUBOTA:** M7950DT 4WD w/Cab; M8950DT 4WD w/Cab; B8200 4WD w/Loader, B7200 w/Ldr 4WD, M5500 w/Ldr **IHC:** M, 140 w/Cultivator, 184 w/Woods Belly Mower, 806, 544 w/ Ldr , 340, Super H; **Massey:** 135 w/Ldr **JD:** 3010 Gas, 1020

STOP And Check Our Selection Of Manure Equipment

LIQUID: 3000 Gallon Vandale Vacuum Pressure Liquid Spreader For Truck Mounting, Hawkbilt 3220 Gallon, H/M 2900 Gallon, 2400, Scavenger 1263, Betterbilt 1500 Gallon, Clay Honey Wagon Vacuum
Several NI And NH Box Spreaders, Various Sizes Barrel Spreaders - NH 668, Hawk 207, JD 465
NH 520 Spreader w/Tailgate, Sharp

Time To THINK About PLANTING EQUIPMENT

JD 8250 Disc Grain Drill, Like New, JD 8350 Dbl Disc Grain Drill- 18 Disc, AC 2- 4- 6 Row Corn Planters, JD 2 Row Corn Planters, Brillion 21 Ft Ex Fold Cultipacker- Like New, Brillion 10 Ft Cultimulcher, New & Used Brillion 8 Ft. & 10 Ft Cultipacker Seeders; JD 2 Row Tool Bar Corn-planter 3-Pt

INDUSTRIAL

TRACTOR/LOADER/BACKHOES: Case 480, 580, 580B, AC 715 C, Ford 3550, York Grader (Towable).
DOZERS: JD 450C w/6 Way Blade, JD 450, AC 653 w/6 Way Blade, ACH3, Case 450 Crawler w/4 & 1 Bkt , JD 450 Crawler Loader, JD 455E Loader
TAG-ALONG TRAILERS: 3 Axle, 9 Ton, General 9 Ton Trailer
LOADERS: AC 640, AC 615, Massey 2135, Komatsu D55S3 Crawler Loader, Excellent Bottom, JD 440A And 440B Log Skidders, Pettibone B66 4WD Forklift, Ford Lane Paver Model A-2; AC 600 Forklift, Waldon 5000 Diesel Payloader, 4WD, Articulated, AC 345 Payloader w/Log Fork And Bucket.
EXCAVATORS: Cat 225 Excavator
SKID STEERS: NH L775 Skid Steer Ldr., NH 325 Skid Steer **NH:** L553 Skid Steer, JD 375 Skid Steer

PARTIAL LIST Of Miscellaneous Equipment

FORAGE WAGONS: Int'l 110 Chuck Wagon w/Roof, Lamco 3 Beater w/Roof, Fargo Side Dump Trailer Model, M&W 400 Bushel Gravity Wagon

FEEDER WAGONS: Knoedler Feeder Wagon, Knoedler Dial-A-Mix Wagon, E-Z Flow 220 w/Grain Wagon, Kilbros 250 Grain Wagon

TMR Mixer Wagon: Schwartz 800
York Heavy Duty Pull Type Road Rake, Stoltzfus 30' Truck Mount Fertilizer Box And Lime Spreader, Case/IH 8610 Bale Processor, Hesston #10 Stack Hand And #10 Stack Processor, Kalyn MD6 Tandem Dump Trailer, Westfield 8x51 Ft Grain Auger Shaver 3 Pth Post Pounder, JD 30 2 Row Potato Digger, JD 2 Row Potato Planter, MC 3 PTH Lawn Genie Pickup Mower, Jobber Rock Windrower, Vermeer Trencher, Unloading Auger For Gravity Box, A&W 250 HP Dynamometer, 3 Pth. PTO Wood Saw

SPRAYERS: Myers 100 Gal 3 Pth, Demco 300 Gal.
Hydra Ladder For Fruit Picking, Wisconsin Engine.
LARGE SUPPLY OF FRONT-END LOADERS AND CABS FOR VARIOUS MAKES OF TRACTORS.

TINKERER'S ROW: Int 430 Baler w/Thrower, AC 6 Row No-Till Corn Planter, NH 33 Flail Chopper, AC D15, AC 190 w/Cab, AC B, AC 175, Ferguson 20, 35, Farmall H; JD 336 Baler w/Thrower; JD 301 w/Loader, Ford 7710 4WD

Special

Used IH Combine, Model 1480
630 Corn Head, 438 Corn Head,
15' Grain Head, "Field Ready"
Call For Details

NEW EQUIPMENT

Brillion Culti-Mulcher 20' Hyd. Fold
Kuhn Hay Equip.
Agco-Allis 7600 4WD Cab
Agco-Allis 5670 4WD
Deutz Allis Disc 12'2" and 13'6"
500 gal. Cagle Field Sprayer
Kidd Bale Choppers
Deutz Allis 1500 Min-Till 9 Shank

USED EQUIPMENT

Mariiss 10' no-till drill
MF 850 Combine w/6-R corn head,
15' grain head
(3) Used AC 6R no-till corn planter

Artsway *Silamix* Feed Wagon
In Stock Now.

COMPARE OUR PRICES
ON WOODS MOWERS

B. EQUIP. INC.

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SUPER C FARMALL

fast hitch, fenders
& pulley
$1,975
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COMING IN
JD 5020 Tractor w/Cab

NI 703, the same tractor as 704 or 705 except this has a 6 cly. Chevy engine, 700 hrs.
NI 729A Sheller
AC 7020 Tractor, cheap
IH 766
IH 826 Hydro
NI 737 Uni Huskers
NI 843, 3RN; 735N picker Heads
NI 717 combine w/Bean Table
Hutch master 12' plowing disc

Uni Parts
Gear Boxes - Final Drives - Spare Wheels & Tires

R.B. LEAMAN
717-399-4037
I Can Find Most Any Uni Tractor Or Head That You Would Like.

TRACTORS

JD 2940, good condition
25 HP Satoh w/loader
1977 IH rollback 22' bed, 26,000 GVW, low mileage
Lycoming County
(717) 494-0441

Vicon KM321 Discbine

10½ ' Cut,
Excellent Condition
1 Year Old w/1 Year Warranty Left
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Time Is Right...Price Is Right

Tag #	NEW EQUIPMENT	Now Only
6353	Ford 8730 Ultra Command, 4WD, Cab...	$48,500
6170	Ford CM224 Commercial Mower w/60" Mower	$10,250
2604	NH 608 8-Ton Wagon w/Rims	$925
4604	NH 1003 Bale Wagon - 83 Bale Capacity.	$9,850
5093	NH 565 Baler w/72 Thrower.....	$10,800
6228	NH 144 Windrow Inverter.....	$3,195
5068	NH 790W Windrow Attachment.....	$2,450
4757	NH B124 Backhoe Attachment, Fits L555 & L785 Series	$5,395

(Above Prices Include Winter Buyers Dividend Discounts!)

USED TRACTOR SPECIALS

7778	Ford 8210, 4 WD w/Cab, 662 Hours, Like New	$27,800
7858	AC 7040, 2WD, Cab w/Air, 130 HP	$7,495
7843	MF 275 w/Loader.....	$7,900
7999	MF 165, Gas - SHARP!.....	$5,900

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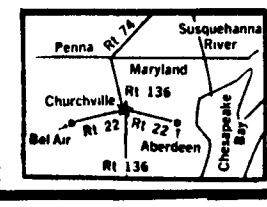
Call
Walter, Jeff,
Dave or Ray
MD. Toll Free...1-800-286-8292



NI NEW IDEA

USED EQUIPMENT

Oliver 2255 Tractor
Haybuster 107 Drill
NI 176 Elevator 36' (Sharp)
NI 406 Rake
NH 495 Haybine
A 6R 30" Head for AC Combine
JD 220 18' Disc Harrow
JD 7000 12R Corn Planter
JD 216 Forage Box
JD 714 Forage Box
JD 714A Forage Box
Hesston PT10 Windrower
Hesston 1160 14' Windrower
White 80 4WD Tractor
White 288 Tractor w/Cab, Sharp!
White 265 Tractor
White 8700 Combine
White 8900 Combines
White 6B SAR 18" On Land Plow
Farmall 806 Tractor
IH 540 4X Semi Mount Plow
Ford 118 Plow
White 5100 6R Planter Liquid
White 5100 4R, Liquid
NI 3639 Spreader 390/Bushel
MF 22 Bale Thrower

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RD Box 46
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WE ALSO STOCK
NEW VICON
FERTILIZER SPREADERS

Best Buys in Used Equipment

TRACTORS:
Farmall Cub w/Attachments
185 Low Boy w/Mower
Cub Low Boy w/5 Ft. Mower & 12 Volt System - Reconditioned & Painted!
IH 560 Diesel Tricycle, New Engine - Real Nice!
IH 460 Diesel Tricycle - Nice Shape!
IH 574 Diesel w/2050 Loader
Ford 2110 Gas Low Boy w/Big Turf Tires
MF 20C, 45 Hp. Diesel, Shuttle Shift, Turf Tires, Nice Shape!
Case IH 235 4WD Hydro w/60" Mower
Case 2500, 2WD, Cab, Air, 180 HP
JD 1010W Diesel w/JD 710 Loader
JD 301D Utility with Mid Mounted Hyd. Sickle Bar Mower - Real nice... Coming In, From Twp., Low Hrs.
Bolens 292, 30 HP Diesel, 2WD, Like New
Kubota B7200 w/5 Ft. Mower, 2WD
AC 5020, 2WD, Turf Tires, w/72" Mid-Mount Mower, Nice Shape!

HAY & FORAGE:
NH 269 Baler w/Thrower
IH 440 Baler w/Thrower
NH 1495 Self Propelled Haybine
IH 990, 9 Ft. Mower Conditioner
JD LR24 Rake
Badger Forage Box w/Tandem Axle
Hesston 4500 Wire Baler w/Thrower
Ford 530 Baler w/Thrower
Vicon CM240 3 PT. Hitch Disc Mower, 7'8"-Demo!

COMBINES:
MF 1144 4-Row Wide CH, Ex. Cond.
744 Wide Cornhead for 715, Ex. Cond.
IH 810 15' Grain Head w/Hart Carter Floating Cutter Bar
IH 820 15' Floating Cutter Bar

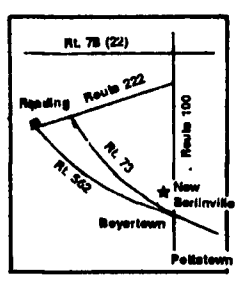
TILLAGE:
IH 37 Disk Harrow
JD 12 Ft. Transport Disk
IH 209 2-Bot., 3 Pt. Hitch, 14" Plow, Like New!
Brillion 12 Ft. Single Packer, No Transport

OUTDOOR POWER EQUIP.-
Good Selection Of Used Lawn & Garden Tractors— All Makes And Models

Cub Cadet Model 2072 20 HP w/50" Deck
Cub Cadet 1912 19 HP w/60" Deck, Like New
1987 Cub Cadet, Model 1872 18HP, w/50" Deck
Cub Cadet 1650 w/44" Deck - Nice Shape!
Toro 7 Gang Pull-Type Golf Course Mower
(1) National 3-Gang Triplex, 1987 Model, 68" Cut- Was $2,000 - Now $1,600
Jacobsen F10 7-Gang Reel Mower

MISCELLANEOUS:
FMC DO-25 300 Gal. w/Gun & Hose Reel, Trailing Model, 2 Cyl. Kohler Engine, Like New
Work Saver Front 3 Pt. Hitch Package For Case IH 685 Tractor- $1,000
Century 250 Gal. Trailing Sprayer
Case IH 2255 Loader, Like New!
Case IH 2250 Loader, Like New
Wood Splitter, 3 Pt. Hitch
National 3-Gang Triplex 84" Cut, Kohler Engine, Elec. Start
National 5-Gang Reel Mower w/Engine
Danuser 2 Pt. Fast Hitch
Post Hole Digger, Nice Shape!
IH 100 Ground Drive Spreader - Good Shape - Ideal for horses
HS 105 Woods Hyd. 3 pt. Hitch Ditch Bank Mower
Olathe Leaf Vac, Model 166, Needs Engine - $500
White 543 4-Roll Plate Planter, Nice Shape!

We Ship UPS Daily!



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Sat. 7:30 to 3

YEAR END SAVINGS!

PARTS DISCOUNTS
DEC. 21 TO DEC. 30

ERB & HENRY EQUIP., INC.

New Berlinville, PA
One Mile North of Boyertown
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FAX: 215-367-6715

case IH

NEW EQUIPMENT IN STOCK

YEAR-END SAVINGS!

PARTS DISCOUNTS
DEC. 21 THRU DEC. 30

CALL FOR DETAILS & PRICES ON THE NEW EQUIPMENT YOU NEED!

Case IH 1825 Diesel Uniloader - (1) Demo left at Dealer Invoice - MUST SELL - Call For Price!
Case IH 2200 and 2255 Loaders
Case IH 415 Packer Mulcher, 10'1" Demo
Case IH 5300 Grain drill, plain, 20x6 - Old Price! (1 Left!)
Case IH 8520, 8530 & 8545 Twine Balers w/Thrower
Case IH 495, 395, 595 and 695 Tractors - 2WD and 4WD - call for details!
Case IH 1100 Series Compact Diesels In Stock!
MAGNUM TRACTORS... 7110 2WD - Call!

ONE ONLY!
Case IH 1660 Combine w/6-Row Head
OLD PRICE WITH ALL THE NEW UPDATES

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Case IH Uniloaders - 1845C, 1840, 1825 Diesel - call now!
PLOWS... Case IH 145 Rollover
NEW CASE IH 7500 5-BOT. VARI-WIDTH PLOW - IN FURROW!
Case IH 6650 Consertil Plow, 11'3 - New Heavy Duty Model
Case IH 3900 18'7 Disk Harrow, 7½ " Spacing
Case IH 3800 12' Disk Harrow, 9" Spacing
Case IH 496 Disk Harrow, 22' 2", 7½ " Spacing...Demo! Old Price!!
Case IH 496 Disk Harrow, 24' 10", 9" Spacing...Demo! Old Price!!
Case IH 181-Min. Till Rotary Hoe
Case IH 900 6-Row Planter, Liq. or Dry
Case IH 2255 Loaders
Case IH 183 4 & 6 Row Cultivator

Cash Discounts or Low Rate Financing on Most Equipment

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FORD NEW HOLLAND

FORD TRACTORS

Used 6610, w/Dual Power
Used 4600 SU
Used 861 w/loader
Used 8N

NEW HOLLAND

New L250 Skid Steer Loader
New 565 Baler
New 40 Forage Blower
Used 272 Baler w/SS
Used 275 Baler w/SS
Used 315 Baler w/ Thrower
Used 469 Haybine
Used 56 B Hayrake

OTHER TRACTORS

New Bolens H152 Dsl.
Used Farmall Cub w/mow.
Used Massey Harris Pony

OTHER EQUIPMENT

New Ford 3 Pt. Snow Blades
New Kuhn FC300 Disk Mower Conditioner
New Ford 140 3x16" Moldboard Plow
New Ford 133 High Clearance Chisel Plow
New Ford 101 Moldboard Plow 3Bx14"
New Ford 151 4Bx16" Auto Reset Plow
New Ford 152 5Bx16" Auto Reset Plow
Used Kuhn Pull Type Tedder
Used Brillion 14' Transport Harrow

We Ship Parts UPS Same Day

Sweigard Bros. Inc.

3882 Peters Mtn. Rd.
Halifax, PA 17032
717-896-3414
Since 1937

Season's Greetings

USED EQUIPMENT IN STOCK

TRACTORS
Case 1690
White 2-105 without cab

HARVESTERS
NH 36 Flail Chopper
JD 3800 Harvester

SKID LOADERS
Bobcat 642B

SPREADERS
NH 513 Spreader
NH 520 Spreader
NI 354 w/Pan

LAWN & GARDEN
Ford YT 12.5
Simplicity 4211 Lawn Tractor w/Mower
Cub Cadet 108
Cub Cadet 1250
JD 111 w/bagger

BALERS & HAY TOOLS
NH 855 Round Baler
NH 275 Baler w/Thrower
NH 326 Baler w/Thrower
NH 1499 Haybine
NH 1495 Self-Propelled Haybine (L)
NH 411 Discbine (L)
JD 10 Side Mtd. Mower

TILLAGE
Ford 7 Tooth Coulter Chisel

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We Ship Parts Daily U.P.S.

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(L) Indicates equipment at Loysville location.

Have A Very Merry Christmas and a Happy New Year

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Larry L. Adair

55 Gal. Drum Delivered Free 50 Mi. Radius From York, PA

15W40	$188.00
SAE 30	$183.75
Tractor Hydraulic	$193.50
Hydraulic Oil	$145.60

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Call Early Morning Or Late Evenings

YEAR END CLEARANCE ON ALL AGCO ALLIS TRACTORS IN STOCK TO MAKE ROOM FOR 1993

USED EQUIPMENT

Used NH, Gehl, Bobcat Skid Loader
444 AC Baler

USED TRACTORS
AC-200 Tractors
AC XT190 Series III
AC 7040 Power Shift
AC 7050 Tractor
AC 180 (Good Cond.)
AC 190XT (Good Cond.)
JD 50
Oliver 66, Good Cond.
20' Used International Disc, Good Cond.

SPECIAL PRICE
6240 Deutz Allis
4WD, 400 Hrs.

New & Used Woods Mower

GLEANER COMBINES
M Combine
G Combine w/Corn & Grain Head
F w/Corn & Grain Head

NH 880 Forage Harvester 2/2-30" Corn Heads

Miller Forage Boxes, 16 Ft. — In Stock

NEW & USED BOBCAT'S IN STOCK

FINANCING & LEASING AVAILABLE
SHIP PARTS DAILY UPS

GRUMELLI'S FARM SERVICE INC.
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See Salesmen: Tony Grumelli, Clarence Herr, Don Fichtner

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Douglas EQUIPMENT & SUPPLY CO.

New Phone No:
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New Fax No:
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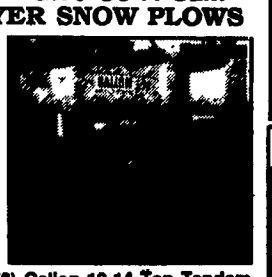
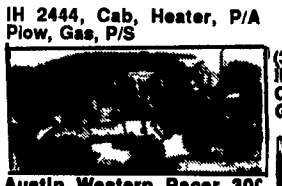
Many Pieces Not Listed!
If You Don't See It - Give Us A Call!
CALL US FOR MEYER SNOW PLOWS

Snow Equipment In Stock
Used Truck Plows & Frames
Used Spreaders Tailgate & Bin, Gas & Hydraulic
New Meyer Snow Plows
Call Now For Prices

IH 2444, Cab, Heater, P/A Plow, Gas, P/S


(3) Gallon 10-14 Ton Tandem, IH Gas, Hydrostatic, Good Cond.
Gallon 10 Ton 3 Whl.

Gallon 9 Wheel Roller, IH Diesel, Reverser Trans, Low Hours, Good Cond. $6,500


Austin Western Pacer 30C AWD, AWS, 4-71 GM Diesel Front Scarifier, Front Plow Hitch, Good Cond. $5,950

Huber Maintainers "We Got 'Em"
(1) M-650, Ford Diesel, Front Blade, Wide Tires, ROPS.
(2) M-600, Ford gas, front blade
(1) M-500, Cent. Gas, Front Blade, Wide Tires.

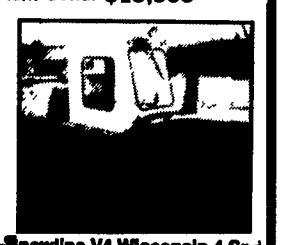
1989 Mauldin, 4 ton, art, DD drive, vibratory, gas $7,995
Gallon 3 whl., 6 ton, gas engine
Gallon 10-12 ton tandem roller, gas

Forklifts
(2) Gradall 534B-6 34', 6000 Lb., 4WD 1) 1987, 1) 1985 Pettibone B66 Ford Diesel 33' Lift, 6000 Lb. Cap, 4 WD, 4WS, New Tires

Clark 55B Articulating, Cummins, Cab & Heater, Very Good Rubber, 20.5x25, Good Cond.

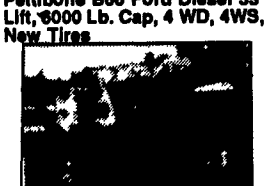
Just In
Jersey Stone Spreader
Model 102
Tow Behind Broom
V4 Wisconsin
Ford 2110 w/sickle bar
Bomag BW120, late model, low hrs.

Case 586E, 14' Mast, SS 6000 Lb. Cap, New Rubber, Good Cond. $17,500
Case 584D, 21' Mast, SS, 4,000 Lb. Cap, New Rubber, Excellent Cond. $15,500


Snowline V4 Wisconsin 4 Spd. w/Reversible Plow

Gradall G-440, Ford Gas Down, GM Diesel Up, Remote, Good Cond.

Austin Western Pacer 200 Cummins Diesel, AWD, AWS, Front Plow & Wing Plow


Pettibone Yard Crane, Gas, 10,000 Lb. Cap, Power Steering, 17'6" Lift, Runs Good

---

JOHN DEERE

From All Of Us... To All Of You

Season's Greetings

WE WISH YOU THE JOY OF CHRISTMAS AND A HAPPY, HEALTHY NEW YEAR

WE APPRECIATE YOUR BUSINESS AND LOOK FORWARD TO SERVING YOUR EQUIPMENT NEEDS IN 1993!

LEHIGH AG EQUIPMENT, INC.
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CALL TOLL FREE FROM ANYWHERE IN THE U.S.A. 1-800-779-3616

Convenient Hours:
Monday Thru Friday, 7:30 to 5:30;
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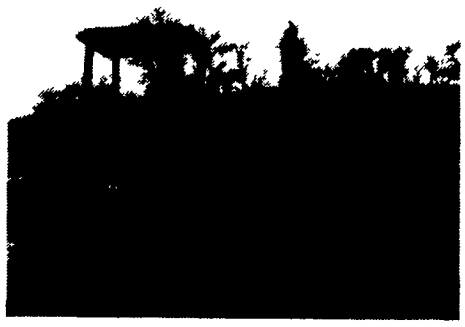
We Ship Parts Same Day To Your Farm!

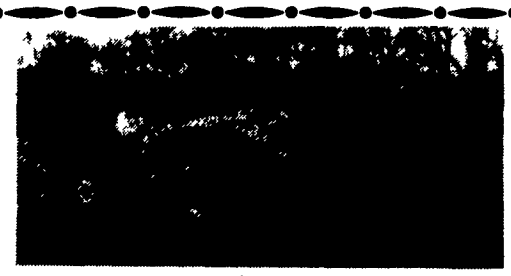


JD 4440
Quad Range, Runs Good
$9,800
(Not Actual Photo)
410-833-9091

Happy Holidays

REBUILDERS SPECIALS
JD 4230 SGC, Quad Range, Needs Overhaul
Oliver 1655 w/Cab, Diesel, 3 Speed, Over/Under, Needs Overhaul
Ditch Witch Trencher $750
Several Others

ED GOODRICH JR.
Newark Valley, NY
607-642-3293
607-642-3295 Fax



Ford 3000
w/#730 F.E. Loader, Ready For Work
$4,300
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IH 806 Tractor Diesel, Wide Front, 3 Pt., 1000 and 540 PTO, Runs but Needs Work.
$2500.
609-767-0444

DECEMBER SALES DAYS

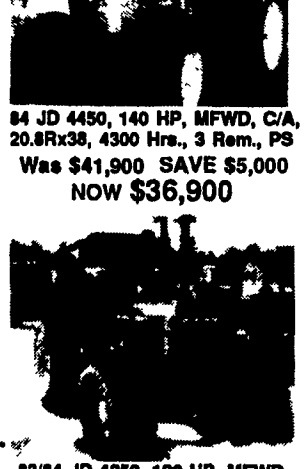
Sale Runs Thru December Or Until Equipment Is Sold!

FINANCING IS AVAILABLE WITH DEFERRED PAYMENTS UNTIL SPRING, 1993!

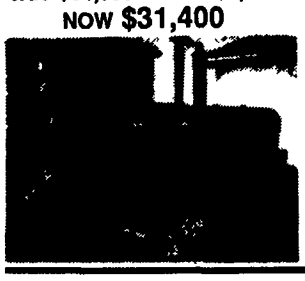
89 JD 4255/4560, 125 HP, MFWD, C/A (New 4560 Cab), 3200 Hrs. (6 Hrs. On New 4560 Eng.), 18.4x38 (New R&C), 2 Rem., PS.
Was $57,900 SAVE $5,000
NOW $52,900

84 JD 4850, 193 HP, MFWD, C/A, 20.8Rx38, 3400 Hrs., 2 Rem., PS
Was $42,900
SAVE $5,500
NOW $37,400

84 JD 4450, 140 HP, MFWD, C/A, 20.8Rx38, 4300 Hrs., 3 Rem., PS
Was $41,900 SAVE $5,000
NOW $36,900

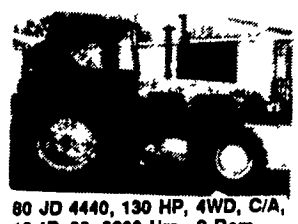


83/84 JD 4250, 120 HP, MFWD, C/A, 18.4x38, 3250 Hrs., 2 Rem., Quad.
Was $34,900 SAVE $3,500
NOW $31,400



80 JD 4440, 130 HP, 4WD, C/A, 18.4Rx38 5200 Hrs., 2 Rem., Quad., Eng. & Tranny Gone Thru
Was $22,900 SAVE $5,000
NOW $17,900

80 JD 2940 (3140), 85 HP, 4WD, CA, 16.9Rx38, 2950 Hrs., 2 Rem., Std. Tranny, w/Leone Loader,
Was $19,900 SAVE $3,500
NOW $16,400



80 JD 4440, 130 HP, 4WD, C/A, 18.4Rx38, 3200 Hrs., 2 Rem., Quad
Was $22,900 SAVE $2,400
NOW $20,500

BEFORE YOU BUY ANY TRACTOR ..
NEW or USED 2WD or 4WD
CHECK the UNBELIEVABLY LOW PRICES at

DAVEY JOAN'S TRACTOR SUPER-MART

Location: Junction of NY 104 and NY 13
Williamstown, NY 13493
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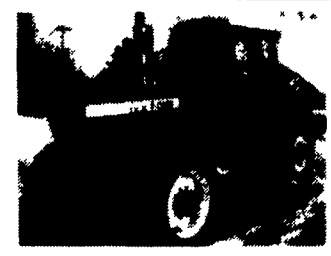
12-26

76 JD 8430, 180 HP 4WD, Cab, 23.1x30 (Axle Duals), 5000 Hrs., 2 Rem. Quad., Eng./Tranny/Clutch Gone Thru
$15,900

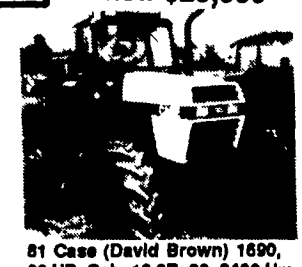
PARTS! PARTS! PARTS!
The Majority Of Our Tractors Are 100% Parts Compatible From U.S. Sources. A Few Have Some Parts That Must Be Obtained From Canada But None Of Our Tractors Require Parts to Be Ordered From Europe.

91 JD 4955, 203 HP, MFWD, C/A, 30.5x32, 1100 Hrs., 2 Rem., SP.....$69,500
90 JD 4955, 203 HP, MFWD, C/A, 30.5x32, 1800 Hrs., 2 Rem., PS.....$59,500
91 JD 3255, 100 HP, MFWD, 4-Post, 18.4x38, 800 Hrs. 2 Rem., Fenders w/Creeper Gear, Hi-Lo.....$32,900
84 JD 2010, 47 HP, 2WD, 1 Rem., 14.9x28, 5200 Hrs., Synchro Was $6,500, SAVE $2,000.....NOW $4,500
84 Case 2094, 110 HP, MFWD, C/A 18.4Rx38, 2400 Hrs., 2 Rem, PS.....$22,900
92 FD 8340, 106 HP, 4WD (SLE), C/A, 18.4Rx38, 500 Hrs., 2 Rem., Air Seat, Performance Monitor.....$39,900
90 FD 8830, 170 HP, 4 WD, C/A 20.8Rx38, 1800 Hrs., 2 Rem., PS.....$37,900
92 FD 7840, 90 HP, 4WD (SLE), C/A, 18.4Rx38, 400 Hrs., 2 Rem., PS.....$35,900
92 FD 7840, 90 HP, 4 WD, C/A, 18.4Rx38, 328 Hrs., 2 Rem, DP.....$31,900
89 FD 8210, 95 HP, 4 WD, C/A, 18.4Rx38, 1173 Hrs., 2 Rem, DP.....$25,500
88 FD 8210, 95 HP, 4WD, Series 2 C/A, 18.4Rx34, 2100 Hrs., 2 Rem., DP.....$21,900
83 FD 6710 72 HP, 4WD, Cab, 16.9Rx34, 2 Rem, DP.....$19,900
84 IH 5288, 160 HP, MFWD, C/A, 20.8Rx38, 3600 Hrs., 2 Rem, PS.....$29,900
85 IH 656, 65 HP, 2WD, 18.4x30, 1 Rem, Gear w/TA Was $5,900, SAVE $1,000.....NOW $4,900
JCB930 Fork Lift 1990, 4 Cyl. Perkins Diesel, 4WD, 6000 Lb. 21' Mast, 647 Hrs.....$27,500
"Used" Hopper-Type Rockpicker, Good Condition.....$4,750

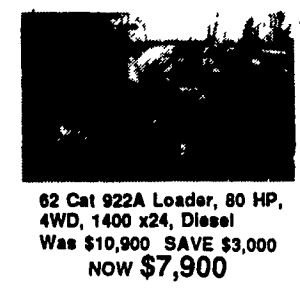
81 FD TW-30, 165 HP, 4WD, C/A, 20.8Rx38, 2900 Hrs., 2 Rem., DP
Was $24,900
SAVE $3,500
NOW $21,400



84 IH 5488, 187 HP, 4WD, C/A, 20.8Rx38, 2 Rem, PS
Was $30,900
SAVE $1,000
NOW $29,900



81 Case (David Brown) 1690, 90 HP, Cab, 16.9Rx38, 3400 Hrs., 2 Rem, 12F/4R
Was $12,900 SAVE $2,400
$10,500



62 Cat 922A Loader, 80 HP, 4WD, 1400 x24, Diesel
Was $10,900 SAVE $3,000
NOW $7,900

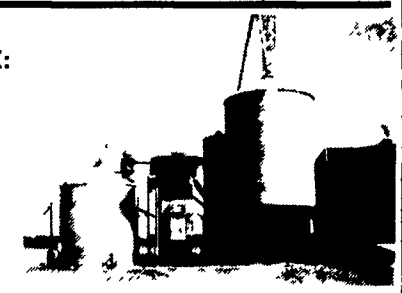
84 Case 2290, 130 HP, 4 WD, C/A, 18.4Rx38, 3100 Hrs., 2 Rem., PS
Was $19,900 SAVE $1,500
NOW $18,400

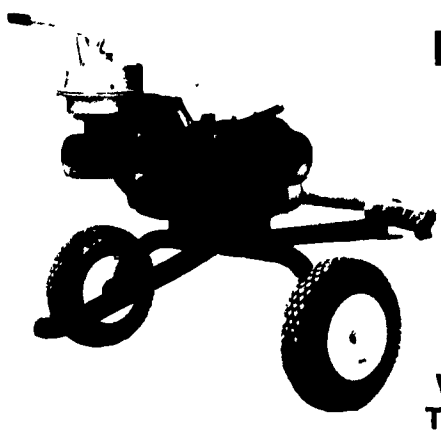
87 Mitsubishi 250D, 22 HP, 4WD, 975 Hrs., 11.2/10x24, w/Woods Mower, 9F/3R.
Was $8,500 SAVE $2,250
NOW $6,250

200,000 BU. GRAIN COMPLEX:

- 4 Ea. Grain Bins (50,000 Bu.)
- 2 Ea. 60,000 Lb. Twin Cyl. Energy Platform Hoist (20 HP)
- 2 Ea. 21'x39'x45' Hopper Tanks (9,000 Bu.)
- 2 Ea. 8"x25' Tuber Augers w/Motors
- 1-13"x7"x90' Bucket Elevator
- 1-9"x5"x100' Bucket Elevator (3,000 Bu. Capacity)
- 1-15'x84' U-Trough Auger
- 2 - 975 MC Continuous Flow Dryers: 20 HP Gas Furnaces w/25 HP Centrifugal Fans

FOR SPECIFICS CALL OR WRITE!
$125,000





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20	2.5	1.9"	1.67"	700'	150'	50	50-180	$5,250
40	4.0	2.4"	2.1"	725'	180'	100	63-250	$11,900
55	5.0	2.9"	2.5"	1150'	200'	200	75-320	$15,900
70	5.5	3.2"	2.8"	1100'	240'	250	82-300	$15,900
90	7.5	3.5"	2.9"	1280'	260'	300	90-350	$19,900
130	9.0	4.3"	3.7"	1350'	300'	400	110-350	$24,900
120	10.0	4.3"	3.5"	1475'	300'	400	110-400	$28,900
160	10.5	5.0"	4.1"	1350'	340'	550	125-350	$29,900
160	13.0	5.0"	4.0"	1650'	340'	550	125-450	$34,900

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JD 4630 Tractor w/Cab, Reconditioned
JD 2640 Tractor w/Loader
JD 2630 Tractor
Used JD 2040 Tractor
JD 3020 Tractor
JD 3010 Tractor
JD 3010 Tractor Gas
AC 160 Tractor
International 1066, 20.8x38 new tires

HAY EQUIPMENT

JD 337 Baler w/Ejector
JD 336 Baler w/Ejector
JD 336 Baler w/Ejector
JD 24T Baler
NI 456 Round Baler
JD 1209 Mower Conditioner
JD 1209 Mower Cond. w/ Kwik-Cut Knife
NH 489 Mower Conditioner
NI 279 Cutditioner, 540 PTO
NH 411 Discbine, Rolls Good, Hyd. Tongue Pos., Hyd. Header Tilt
NH 890 Forage Harvester w/5½' Pickup & 2 Row Wide
Vicon KM 281 Disc Mower Conditioner

PLANTERS

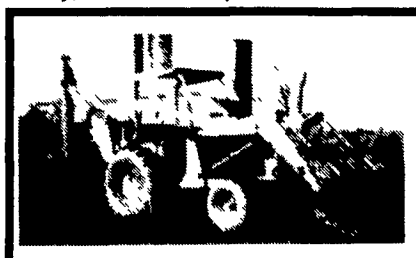
JD 7240 11 Row w/Liq. Fert., Frame Mounted Coulters
JD 7000 6R Consv. Planter
JD 1440 Corn Planter w/Liq. Fert.
AC 333 4 Row, Air Champ., Dry Fertilizer
JD 315 Disc, Like New
Used JD 8250 Grain Drill
Krause No-Till Drill, 13'
Tye No-Till Drill w/15 Disc & Weight Drums

COMBINES

JD 6600 Side Hill Combine, Reconditioned
JD 220 Flex Platform
JD 3300, Gas Combine w/10' Platform

MISCELLANEOUS

JD 675 Skid Steer Loader
JD 575 Skid Steer Loader
Case Model 14, 9 Shank V Ripper
Used JD 27 Flail Shredder
JD 2500 5 Bottom Plow, Spring Reset
JD 260 Loader
JD 450 Hydra Push Spreader
JD 3 Bottom Plow
JD 230 Disc Wingfold



JD 300B TLB $7,800

JD 450 C Good Condition, $13,500
Backhoe Available

JD 350B With Backhoe Saddle $9,000

Cat 955L 85 J Series, Crawler Loader w/4N1 Bucket, Good Condtion $16,500

Case 580B TLB $6,500
(2) Case 1835C Skid loaders, low hours.....$7,800 Choice
Cat 955L 85 J Series, crawler loader w/GP Bucket, good condition $16,500
Cat D8H, Serial #46A17096 $24,000
Cat 951B Crawler Loader.. $10,500
Cat 955L 85 J Series, Crawler Loader w/4N1 Bucket, Good Condtion..... $16,500
JD 300B TLB $7,800
JD 350B with backhoe saddle $9,000
JD 350 Crawler Loader $8,000
JD 400 Backhoe..... $6,500
JD 450 Crawler Loader $8,800
JD 450C good condtiion... $13,500
JD 410 Loader Backhoe.... $10,000
Komatsu D65S Crawler Loader..... $10,500

PARTING OUT: IH TD340 CRAWLER LOADER
IH TD9 Series B Crawler Loader
Case 450 Crawler Loader

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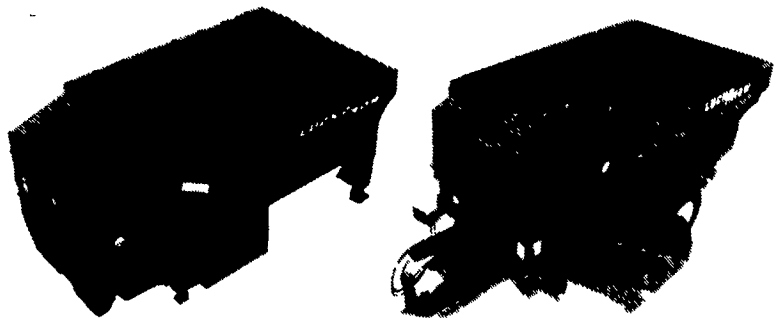

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David Brown 1212
Case IH 275, 4WD, Cab, Like New!
JD 1650 w/Loader
Deutz 6265 w/Loader, Coming In!

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Case 580D Loader Backhoe, 4WD, Cab, Extendahoe
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Case 580C, Cab & Standard Hoe (1 In Stock)
Case 1740 Uniloader
Case 1816C Uniloader
Case 1835B Skid Loader
Case 1835 Skid Loader

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Assortment of Gehl 99 Forage Blowers
IH 550 Harvester
NH 27 Blower
Gehl 1060 Harvester With Auto Max (Metal Stop) w/2 Row Head & 7 Ft. Pickup

LAWN & GARDEN

Kubota F2100 w/5 Ft. Mower & Dump Grass Catcher
Case 644 w/Loader

MOWER CONDITIONERS

Hesston 1090
Vicon 281 Disc Mower Conditioner
Hesston PT10
(1) Case 555 Mower Conditioners
Case 650 Self Propelled
IH 1190 Mower Conditioner
NH 1495 Self Propelled
Gehl 880
JD 830 Self Propelled
JD 485 Mower Conditioner

PLANTERS

White 5400 4-Row Planter
IH 400 Cyclone Planter

MISCELLANEOUS

JD 10 Ft. Disk Harrow
Baltimatic Spinner Spreader
Hesston 5500 Round Baler
Woods C-114 Mower, 9½' Pull-Type Mower
Woods HS-105 Offset Mower
NH 307 Spreader
IH 2355 Farm Loader, Like New!
Case 1800 7-Shank Chisel Plow
Case 3300 5-Bot. Plow

Limited Supply...
Notched Front NF 24"x5/16 Disk Blades For Miller!

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- Case SC Tractor
- Case 930 Tractor
- Case 430
- Case 1070
- IH 2500A Tractor w/Loader
- David Brown 990 w/Loader
- David Brown 990
- Int. 340 w/Loader
- Int. 1066
- Int. 656
- Int. 1086
- Farmall 300
- Farmall 350
- Ford 8N
- Case IH 885 w/Cab
- Case IH 1490
- Case IH 1594, 500 Hrs.
- JD "B" Tractor
- JD 2140 70 Hp. w/Cab
- Super M
- MF 2805 Tractor
- MF 2705 Tractor
- (2) MF 2675 Tractors

LOADERS

- Case 530 Backhoe
- Case 1835C
- Case 1835 Gas
- Case 1830
- Case 1845 Diesel
- NH 555 Skid Loader
- Caterpillar 933 Loader
- D100 Backhoe For 1845C

TILLAGE

- Int. 2-Bot. Trailer Plow
- Ford 5-Bottom Plow
- IH 370 Disk Harrow, 13 Ft.
- Case 16" Reset Plow, 5 Bottom
- IH 710 5-Bottom Plow
- JD 5x16 Plow
- JD 1120 Disk
- Oliver 16" Rollover Plow
- Bush Hog 15 Ft. Disk
- Farmhand 14' Cultipacker

HARVESTING EQUIPMENT

- Hesston 2000-100 Harvester
- NI 315 Sheller
- NI 324 Sheller
- NI 737 Husking Bed, Nice!
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- IH 120 Forage Box
- Badger Forage Box
- JD 3800 Harvester

HAY EQUIPMENT

- NH 479 Haybine
- NH 489 Haybine
- NI 404 Rake
- Hesston 1014, Plus 2 Windrower
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Case 650 Windrower
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler

MISCELLANEOUS

- NH 36 ft. Elevator
- Gehl 99 Blower
- NI 620 Blower
- Automatic Roller Mill
- Peerless Roller Mill
- NI 218 Spreader
- NI 224 Spreader
- NI 245 Spreader
- NI 353 Spreader
- HM 1674 Spreader
- Gehl 350 Spreader
- Gehl 250 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
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- Brillion 8 Ft. Grass Seeder
- Cole Vegetable Planter

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JD G- Single Front- Runs	$2,500
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(2) JD G- Runs Good	Each $2,900
JD Unstyled A - Runs Good	$2,900
JD Unstyled D - Runs Good	$2,900
MM G705LP- Cab- 1650 Hours	$3,450
JD 720 Diesel Standard	$3,900
JD 720- Try- DE	$3,900
JD R - Not Running	$2,900,
Running	$3,900
JD 720- WF- 3 Pt.- Pony	$4,250
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JD 530- 3 Pt.- Nicely Redone	$4,900
JD 730- LP- WF- 3 Pt.- Fenders	$4,900
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JD 620 Standard- Nicely Redone	$5,900
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JD 330S - Runs Good	$8,500
JD 720 High Crop	$12,500
JD 730 High Crop- Very Nice	$13,500
JD 730- Standard	Coming In
JD 80	Coming In
(2) JD 830 (1-DE)	Coming In
JD Unstyled G	Coming In
JD Unstyled A	Coming In
JD Unstyled B	Coming In
JD Unstyled D	Coming In
JD R	Coming In
JD 40 Dozer	Coming In
JD 420 Dozer	Coming In
JD A	Coming In
JD B	Coming In

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JD 555 Crawler Loader, GP Bucket, Fair, $9,500
JD 655 Crawler Loader, 4-1 Bucket, Fair $14,500
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1993

During the year, in the rush of events, we tend to overlook the important friendships that are the true basis of business relationships. One of the great pleasures of the Holiday Season is the opportunity to exchange cordial greetings with those whose friendship and goodwill we value so highly.

In this spirit it is our pleasure to say "Thank You" and extend our sincere appreciation for the very pleasant association we enjoy with you.

May a bright and prosperous New Year bring happiness to you and to yours.

Happy New Year!

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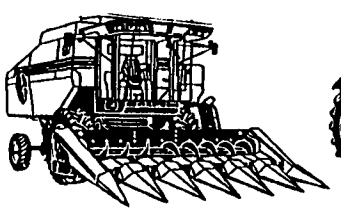

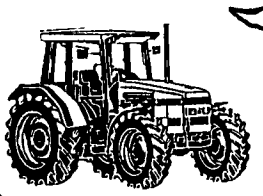

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AC 7030 D w/Cab
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AC D19 3 Pt. Hitch
AC D17 w/Wide Front-End
AC WD
Deutz D 8006
MF 1150D w/Cab
MF 231D, Only 70 Hrs.
MF 85, Excellent
JD 60 w/PS
White 1855D
Oliver 550
Case 500
Farmall H
MM 335, 3 PH
Zetor 6245D w/Leon 690 Loader, Only 1003 Hours

COMBINES
(1978) AC Gleaner M2 D w/Cab Air, 15' Grain & 630 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
AC Gleaner E w/Cab, 10' Grain And 238 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 4400 D Combine w/13' Grain And 438 Corn Head
JD 3300 w/Cab, 12' Grain Head
NH 975 Gas w/Cab & Both Heads
NI 2R Pull Type Husker w/325 Husking Bed
NI 323 1-Row Picker, Excellent!
AC 630 Corn Head For N Or R Series Combines
JD 334 3-Row Corn Head
(2) JD 235 2-Row Corn Head

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MF 11' Disc Harrow, Pull Type
JD 9' Disc Harrow, Pull Type
AC 1600 Chisel Plow, Like New, 10 Shank Pull Type
AC 2000 6-Bottom Plow, On Land
JD 5B Spring Trip Plow
(2) MF 4B 3 Pt Plow
JD 1000 12' Disc w/Trans. Harrow
AC 600 Air Champ Planter 6-30" Rows
AC 600 Planters, 4-30" & 4-38" Rows
AC 600 Planter, 6-30" Row, Demo

HAY TOOLS
JD 1209 Haybine
(2) NH 489 Haybine
(2) HESSTON 1014 Hay Conditioner
JD 346 Wire Baler
IH 2400 Round Baler
NH 276 Baler w/Kicker
NH 273 Baler w/Kicker
NH 275 Baler w/Kicker
NH 320 Baler w/Wire Tie
Gehl 5' Disk Mower, 3 Pt.

FORAGE HARVESTERS
NI 767 Self-Propelled w/702 Power Unit And 238 Corn Head
NH 28 Forage Blower
Gehl 660 Forage Blower
AC 63 Forage Blower
NH 717 Harvester w/Pickup And Cornheads
JD 35 Harvester w/Pickup And Cornheads
(2) Farm Hand Grain Bodies, 135 Bu. w/ Running Gear

MISC.
Weaverline 430 Hydro Stainless Steel Silage Cart
(2) Weaverline 330 Silage Cart
NH 352 Grinder/Mixer, Excel!
Gehl Grinder/Mixer
M&W 2000 Bu Grain Dryer

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Double Savings On Used Tractors, Combines And Implements. Extra Special Discounts For Cash Or Low Finance Available (Free Delivery Within 100 Miles)

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500 gallon Krause pull-between tank caddy (for disc, field cultivator or landsman)
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Peerless SOLD PTO grain crimper, $50
JD 450C crawler loader, nice, $11,000
JD 310A backhoe, 2400 hours, $11,000
Michigan 110 Self-loading earth mover, Detroit Diesel, PS, $7,000
JD 7' roto-hoe, $50
Case 20' SOLD grain elevator, $20
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12,000 Gal. Steel Fiberglass Coated, Buffhide
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- 22884 **Woods RB-5 Blade** 3 Pt., 5' Width . . . $185
- 22819 **Kubota G-2000 Blade** 48", Frt. Mount, M.A., Fits G-200 Series Lgts $185
- 22710 **Woods RB-5** SOLD Cat 1 3 Pt. 5' Width, Angles For & Rev $185
- 22428 **Rear Blade** SOLD Hitch, Angle $125
- M0309 **Lehara F-1300 Blade** 6' Front Mt., H D Fits Ford 1300, 1500, 1700 & 1900 Tractors $895
- 21854 **Kubota G-2000 Blade**, 48", Front Mount, Fits G 200 Series Tractors $150
- 22092 **Kubota G-2000 Blade** 48", Front Mount, M A., Fits G 200 Series LGTS $175
- 22916 **Kubota G-2000 Snow Blade** 48" Blade, Real Good Condition $185
- 21374 **Sauder Hydraulic Front Blade** $275
- 20997 **Ford 09GN3598 Blade** 48" Frt Mount, Fits Ford/Gilson Garden Tractors, Good Cond $175

MOWERS:
- 22941 **Woods Brush Cutter** M-5 Slip Clutch And Chain Shielding, Good Condition $695
- 22887 **Woods RM-48-4M Mower** 3 Spindle, 3 Pt . $785
- 22905 **Woods RM-48-YM Mower** Good Shape $795
- •• 22550 **Landpride RC25-84 Cutter** 7', 3 Pt. Hitch, Chain Shielding, Slip Clutch, Gd Cond $1,295
- 22537 **Kubota RC 44-42 Mower** 44" Shaft Driven Mid Mower For B4200 Tractors, Like New $850
- 22410 **Kubota RC60-25 Mower** 5' Shaft Driven, Fits L2250 2550 Like New $1,250
- 22776 **Kubota RC60-72H Mower** 5' Mid-Mt Finish Cut For Parts $275
- 22453 **John Deere H072L Mower** 6' Mid-Mount, Fits 950 Tractors $675
- 21174 **Kubota RC-60-72H Mower**. . . . . Mechanic's Special $175
- 15184-15185-15354 **Woods F35 Mower**, 5' Mid-Mount, Fits Ford 1510 Tractor, New $695
- 15186 **Woods F35 Mower**, 5' Mid-Mount, Fits Ford 1710 Tractor, Brand New (Retail $1,665) $898
- •• 22682 **Woods RM59 Mower** 5' Finish Cut, Cat 1 3 Pt., Hitch, Good Cond $750
- 22146 **Kubota RC60-82H Mower** 5' Mid-Mower, Fits B-8200 HST Tractors, Never Used $1,500
- 20355 **Kubota MR-6000 Mower** 5' Shaftdriven, Mid Mount for B-6100/B 7100 HST Tractors $295
- 22608 **Woods L59-K18 Mower** 5' Mid Mt. w/Casters, Fits Kubota L185 & 245 Tractors $575

SNOWBLOWERS:
- 22423 **Hahn Snowblower** 7HP, 24", S P., Elec Start $475
- 18652 **Bervac B84-S Snowblower**, 84", 3 Pt Mount, New Demo Unit (Retail $3,102) $1,600
- F140/F141 **Ford 09GN3665 Snowblower**, 36", Fits Ford & Gilson Tractors, Brand New $250
- 21300 **Kubota B-748** SOLD **wblower** Frt. Mounted To Fit B 6100 & B-7100 $245
- 16222 **Kubota B-2510 Snowblower** (38", will Fit B-5100, B-4200) $295
- 17840 **Kubota G-2500 L&G Snowblower** 38", Will Fit G-Series $575

TILLERS
- 22906 **Kubota B-422** SOLD 2", Painted, New Tines, Good Shape $845
- 22771 **Kubota AT70S Tiller** 7 HP, 26" Width, 2 Tine Speeds, Forward & Reverse, Turning Clutches $1,295
- 22488 **Ferguson Tiller** Cat 1, 3 Pt Std PTO, 42" Cut $695
- F860 **Ford 09GN3639 Tiller**, 36", Fits Ford & Gilson Tractors, Brand New $250

TRACTORS:
- 22917 **IH Cub Cadet 682 Mower**, 17 HP, Runs Good $2,495
- 22920 **Simplicity 6216 Mower** 48", 16 HP . . . $1,275
- 22940 **Kubota B-8200 HSD Tractor** 19 HP, Ag Tires and ROPS, Good Condition $6,995
- 22885 **Ford 8N Tractor** 23 HP . . . $2,875
- 22910 **Massey Harris 20 Tractor** PTO, Row Crop, Runs Good $895
- 22911 **IH Cub Cadet 126 Tractor** w/Mower, Runs Good $495
- 22904 **Kubota B-6200 DT Tractor** Turf Tires, Kwick Way Frt Hyd Blade, Hyd Ang $5,675
- 22841 **White "Field Boss" Tractor** 31 HP, Diesel, 4 WD w/Loader Good Cond $8,875
- 22886 **Kubota Tractor** 16 HP, 4WD, 3 Pt 540 PTO w/Front Hyd Dozer Blade Very Good Cond $5,475
- 22724 **Kubota B7200HSE Tractor** 17 HP Dsl, HST, Cat 1, 540 RPM PTO, 60" Mow, 415 Hrs $6,750
- 22823 **Allis Chalmers 917H Tractor** 17 HP, Hydro, 48" Mower w/Power Vac, Nice Cond. $2,995
- •• 22820 **B-1750 HSD1 Kubota Tractor** Dsl, Hyst, 4WD w/Bispeed, 5' Belly Mower, Turf Tires $8,995
- 22850 **Kubota B-2150 DT. Tractor** w/Loader, 4 Cyl., 24 HP, 4 WD, Diesel, Low Hours $9,975
- •• 22489 **Kubota B-6100 DT Tractor** 14 HP, Dsl, 4WD, Cat. I, 3 Pt Std PTO, Wts, Gd Cond $4,695
- 22706 **Mitsubishi R1500 Tractor** 17 HP Dsl, Cat 1 3 Pt 540 RPM PTO, 892 Hrs, 40' Tlr $3,575
- 22790 **Kubota B7100 HSD Tractor** 16 HP D 4WD, HST, Cat I 3 P, 540 RPM PTO-27 Hrs $6,895
- 22772 **Kubota G5200H Tractor** 14 HP Diesel, Hydro, 44' Mower, Shaft Driven, 810 Hrs $4,175
- 21683 **Kubota T-1600 H Lawn Tractor** 13 HP, Water Cooled, Diesel Hydro w/Mower $3,675
- 22693 **Kubota B-6100 E Tra** SOLD HP Diesel, Cat 1, 3 Pt., 540 RPM PTO, 4' Woods Mwr $3,875
- 22712 **Kubota L225ODTS Tractor** 26HP Dsl, 4WD, PS, Syn/Shut Trans, PTO, 3Pt, 725 Hrs $7,995
- •• 22194 22195 **Kubota L-225 F Tractor** 24 HP, Diesel, Cat I, 3 Pt 540 RPM PTO w/Loader $4,480
- 22101 **Simplicity 6218 L&G Tractor** - 18 HP Twin Cyl Variable Speed, 48' Mower $1,480
- 22434 **NAA Ford Tractor** w/Loader 32 HP w/CAT 1 3 Pt $3,675
- 22419 **Sears 10XL Tractor** 10 HP, 38" Mower $450
- 22340 **Kubota KH28 Excavator** 48 HP, 6 Cyl., 12' Digging Depth 24' Bucket $15,875
- 21477 **Wheel Horse Commando 8 L&G Tractor**, 8 HP, 36' Mower, Nice Cond ~~$875~~ $595
- 22112 **Snapper 12502 Law** SOLD **tor** 12.5 HP, 33' Mower Grass Catcher, Very Nice $1,595
- 21996 **Ariens Lawn Tractor**, 10 HP, 30" Cut $395
- 21955 **Snapper Comet Lawn Tractor** Rear Engine Model, 26" Mower w/Bagger $350
- 22714 **Bolens 1600 Tractor** SOLD **Twin**, HST, Hyd Lift, 610 Hrs, 48" Mower $2,295
- 22681 **Bolens G174 Tractor** 17 HP Diesel, 4WD, Gear Drive, Cat 1 3 Pt PTO, Very Nice $3,980
- 21444 **Bolens ST-110 Yard Tractor** 11 HP, 42" Mower, Rear Wheel Wts, Very Nice $1,250
- 21973 **Kubota B-6000 E Tractor** 12 HP Diesel, Std, 3 Pt & PTO, w/Woods Mower $2,995
- 22707 **Kubota B6100HSD Tractor** 14HP Dsl 540RPM PTO, 4WD, HST, 4' Mow, 728Hrs $5,595
- 20988 **Gilson Lawn Tractor** 11 HP, 38" Mower, Gear Drive $465
- 21669 **Simplicity 5212.5 Lawn Tractor**, 12 HP, Hydro, Mower & Vac Unit ~~$2,150~~ $1,795
- 21885 **Lawn Chief 6-830 Tractor**, 8 HP, 30" Mower . . . $365

VAC UNITS:
- 22778 **Giant Vac Unit** 5 HP B&S Engine, Pin Hitch, Steel Cover & Dump Cart . $695
- 21136 **Kubota G-3008 Grass Catcher** To Fit 48" LGT Mower . $335
- 18204 **Kubota G-3008 Vac System L&G** Fits G Series Tractors With 48" Mower $335

MISCELLANEOUS:
- 22943 **J-Bar, 3 Pt. Grading Box** 6' With 5 Teeth $375
- 22818 **Worksaver ATR-36 LT Aerator** 36', Cat 0 & 1, 16" Fillable Drum, Like New $265
- 22773 **Gill Aereator** (Model F65-60) 60", 3 Pt Hitch, 7" Diameter Drum, Good Condition $285
- 22619 **Grizzly 101 Backhoe** 9' Digging Depth, Cat 1 3 Pt, 16" Bucket $2,950
- 22923 **Kubota Broom F-3219** 60" Broom, Hyd Angle, 50/50 Poly Steel Bristles $1,450
- 20756 **Ford Loader Bucket**, 72", Model 19SM5058, Brand New $550
- 20683 **Farmer's Factory Bucket**, 54", Manure Tines, Fits Ford 745 Or 545, Brand New $495
- 22907 **Leinbach** 3 Pt. Carry All w/Box PL-12 $75
- 22711 **Leinbach #10 HD Cul** SOLD 1 Row, Cat 1, 3 Pt, 6 Shovels $85
- 22889 **Brinley Disc**, Cat 1, Tandem, 4' $195
- 22615 **Pull Behind Disc** 5' Tandem, Adj Pitch $225
- 22774 **King Disc Harrow** 3 Pt Hitch, 4' Wide, 4 Sec., 16' Discs, Good Cond $375
- 21840 **CTI Forks** Model #60, 6000 Lb Capacity, Like New $695
- 22111 **Kubota BF-300 G.T. Loader** Quick Tach, Fits B-8200 Tractors w/60" Bucket $2,150
- 22888 **Brinley Plow**, Cat 1, 3 P SOLD $155
- 22691 **Speeco 2 Bottom Plow** 12" Moldboards, Cat 1, 3 Pt $275
- 20800 **Homemade Row Maker** 3 Pt., Cat 0 $45
- 22942 **Landpride Stone Rake** LR1572, 6' Rake, Good Condition $295
- M1061 **Danuser HS54 Hyd. Box Scraper** 54", Cat 1, 3 Pt., Hyd Dump w/Cylinder $495
- M1022 **Arps M394 Box Scraper** 54" Cat 1 3 Pt., Brand New, Retail $623 $425
- 22725 **Century 50-3 Pt. Sprayer** 50 Gal, Cat 1 3 Pt, PTO Pump, Boom & Hand Gun $695
- 22729 **Jackson 36H-80 Spreader** 36" Drop-Type, Like New $245
- 22730 **Cyclone BP-1 Spreader** Spinner Broadcast Type Tow Behind $25
- 22786 **Kubota B8705 Ag Tires** 6x12 Frt w/Rims, Good Condition $115
- 22787 **Kubota B8753 Ag Tires** 8x16 Rear, w/Rims, Good Condition $200
- 21407 **Kubota Pr. 8.3x16 Rear Tires** & Wheels $200
- 2294 **Pequea 6x10 Trailer** Tilts $595
- 22935 **International E-18, 2 Axle Trailer** 12,000 Lbs., Dovetail, Electric Brakes $2,225
- 22349 **Homemade Trailer**, 56"x116", Tandem Axle, 15" Tires Tailgate, 12" Sides, Spare Tire $495

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Tractors
- JD 4555 SGB, quad, w/duals like new
- JD 4640 SGB, Quad, duals, 3600 Hrs., very nice
- JD 4050 power shift, SGB
- JD 4050 SGB, quad range
- JD 2950 fender tractor, hi-lo, nice
- 1981 JD 4440 power shift, SGB
- JD 4440 SGB, power shift
- JD 4040 quad SGB
- JD 2940 SG SOLD plete engine overhaul
- JD 4430 SGB, Quad
- JD 4230 SGB, Quad, 4000 Hrs., Very Nice
- JD 4320 w/year-a-round cab
- JD '74 model 4230, SGB, quad
- JD 4320 w/factory cab
- JD 4000 diesel w/year round cab, dual hydraulics gear drive
- JD 4020D, WF, side console, gear drive
- JD 2520D WF, very nice
- JD 730 L.P. gas w/3PT, straight sheet metal
- JD 720 D w/WF
- JD 630 gas

Case 1835B diesel skid steer loader

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Now Stocking New Koyker Quick Attach Loaders For Most JD & IH Farm Tractors, 40 HP To 180 HP.

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- IH 720 5x16 auto reset
- IH 720 6x18 auto reset
- IH 720 6x16 auto reset
- IH 720 5x16 toggle trip
- IH 700, 5x16" auto reset
- JD 4 bottom semi-mounted plow
- Wilrich 9 shank chisel w/front blades
- White 23' rock flex wing fold disc
- IH 475 21' disk, hyd. wing fold
- JD 210 discs
- AC 8½' disc
- JD 148 Loader
- Westendorf loader to fit JD 20, 30 and 40 series row crop tractors
- Allied loader to fit JD 3010 thru 4020 quick attach
- Cab to fit IH 544, thru 686
- JD 27 stalk chopper
- 12' Brillion rotary cutter, pull type, 3 blades
- Case IH 5140 Maxxum, MFWD, cab, air, power shift w/ SOLD per, loaded, like new
- IH 5288 MFWD cab, air, 20" duals, fully mtd., '84 model, v. sharp
- IH 3088 fender tractor
- IH 3088, 2200 hrs., 4 post canopy
- IH 1586 cab, air
- (2) IH 1486 factory cab, air
- IH 1086 cab, air, 2600 hrs., 1981 model, very nice
- IH 1086, 1981, cab, air, 4000 hrs.
- IH 1086 cab, air
- IH 986 factory cab, air
- (2) IH 886 cab, air, very nice
- IH 86 hydro, WF, 3PT, nice
- IH 684D
- IH 1456 fender tractor, 20" rubber, nice
- IH 1466 red cab w/air, nice, 2600 hrs.
- IH 1066, red cab w/air
- IH 966 w/cab & air
- IH 966 with or without cab
- IH 826, WF, 3PT, year round cab
- IH 826 diesel, WF, 3 pt. fender tractor
- IH 756D, WF, 3PT
- IH 656D, WF, 3 pt.
- Farmall Cub w/sickle bar
- MF 2675 factory cab, air, 2400 hrs.

Combines
- 1984 JD 6620 Side Hill, 4WD
- JD 4420 air, monitors, header height
- JD 4400 1979 model, 2200 hrs., 23" tires, v. nice
- JD 4400D, air, 1974 model
- MF 850 hydro, 2WD
- MF 850D hyd. 2WD, very nice

Heads
- MF 1163 6RN, very good
- MF 1143 4RN corn head, good cond.
- MF 1144, 4RW
- MF 1859, 16' flex w/Ull reel
- IH 963 6RN
- IH 843 4RN
- JD 443, 4RN
- JD 444 4RW; JD 444 oil bath
- JD 213 flex black reel
- JD 215 flex
- JD 216 flex
- JD 100 Series 13' & 15' rigid heads
- NI 711 grain head, nice

Used Parts
- IH 70 hydro
- IH 806 diesel & gas
- IH 560 D
- IH 706 gas tractor
- IH dual PTO units
- IH 826 diesel
- IH 1026 hydro
- Dual wheels - 34's and 38's
- Tractor Weights JD & IH
- IH 544 diesel, hydro Farmall
- IH 504 utility
- IH 856 diesel
- IH 706 diesel
- IH 1256
- Farmall 400 & 450 D & gas
- Farmall H & M
- NI 713 & 715 grain heads
- NI 702 D & 701 G & 702 G
- NI 717 combine
- JD 4020 dsl., powershift
- JD 3020 G

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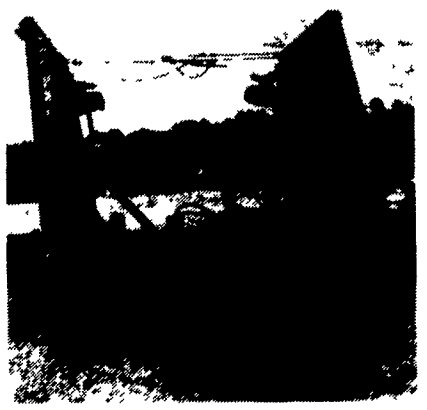

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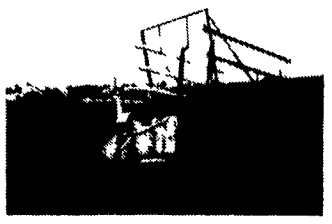
WOODS

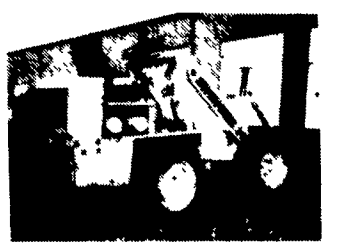
1976 John Deere 4400 Diesel w/13' Platform Big Tires, Nice Condition.



New Holland 1002 Stackliner, 56 Bale Capacity, Very Nice Condition, Not Much Use.

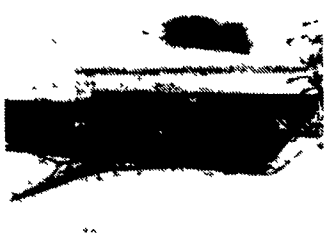
Long 3 Pt. Rotary Tillers.
55" — $1,495 63" — $1,795
72" — $1,995

Several Used Tractor Cabs. I May Have One To Fit Your Tractor. Call Now, Ask For Dave Wenger.

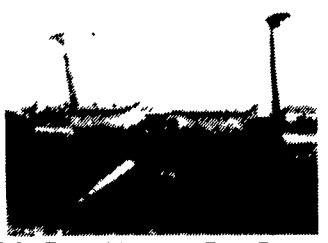


Swinger 100 4WD Articulating Loader, 4 Cyl. Gas.

Several New & Used Loader Buckets To Fit Various Loaders, JD, IH, Ford, Case, Etc.



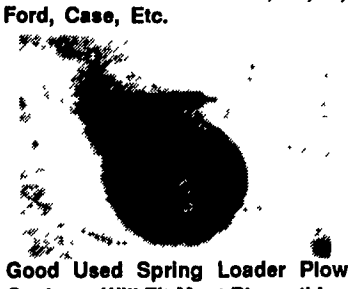
Brillion 15' Cultimulcher, Very Nice Condition, 2 Available.



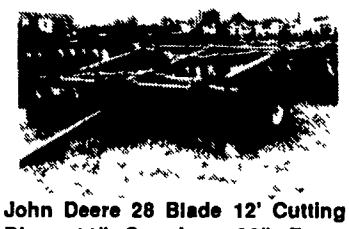
John Deere 7000 4x36 Plate Planter, Dry Fertilizer, Cylinder & Hoses.

John Deere 40 Blade Finishing Disc 20" Front, 18" Rear, 8½ " Spacing.

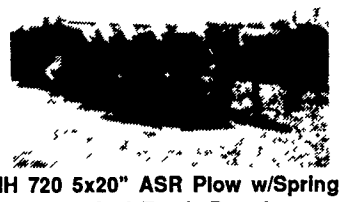
Massey Ferguson 57 4x16" Roll-Over Plow (2 To Choose From).



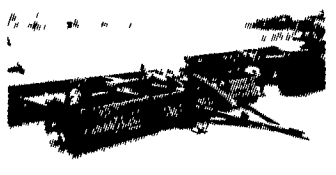
Good Used Spring Loader Plow Coulters, Will Fit Most Plows (Limited Supply).



John Deere 28 Blade 12' Cutting Disc, 11" Spacing, 22" Front Blades, 24" Rear Blades.



IH 720 5x20" ASR Plow w/Spring Coulters And Trash Boards.



IH 315 14' Cultimulcher w/Hydraulic Cylinder, Good Condition.

1992 Chevrolet 8' Pick Up Truck Body (New), $650.

FARM TRACTORS

1980 JD 4440, Cab, Air, Quad, Near New 18x38 Radials, Front & Rear Weights, Nice
1979 JD 4040, ROPS, Powershift, 18.4x38 Tires, Nice
1975 JD 4230, Cab, Air, Quad, New 18x38, Front Weights
1968 JD 4020, Syncro, Good Tires, Weights, Very Good, Sharp
1963 JD 3010 Diesel, Tricycle, Clean Tractor w/Front & Rear Weights
1976 IH 1486 Cab, Air, Very Good 18x38, Front Weights, Nice Inside And Out
1976 IH 1086 Cab, Air, Good 18x38 Radials, Front & Rear Weights, Nice Tractor
1974 IH 1066 w/Year-A-Round Cab 18.4x38, Weights, Sharp, Low Hours, Axle Duals
197? IH 966 w/Cab, 2900 Hours, Weights, Sharp — Coming In
1985 IH 385, Low Hours, 1 Remote, Very Nice, 35 HP
1968 IH 756 Gas, WF, 540/1000 PTO, Very Nice
1982 Case 4490, 4WD, Cab, Air, Near New 18x34, 3 Pt., PTO, A Very Nice Tractor
1976 White 2-70, 4WD, Year-A-Round Cab, 18.4x34 Tires, 2 Remotes
1965 Oliver 1650 Diesel, WF, 2 Remotes, 18.4x34 Tires
197? Case DB 990 Diesel w/Loader, New 18.4x30 Tires, 3 Pt., PTO
1990 Kubota L2050 4WD w/Loader, Turf Tires, 20 HP
1965 IH 706, Gas, Tricycle w/Cab, 3 Pt. 540/100 PTO, Nice
1956 MM 445, WF, P.S., 3 Pt. 38" Tires, A Nice One
1972 AC 170 Diesel, WF, 3 Pt., Good Tractor, 54 HP
1940 Farmall A w/Plow And Cultivator, Crank Start
197? JD 301 Gas w/JD Loader, 3 Pt. PTO, A Hole In The Engine Block

TILLAGE

IH 450 3x16 3 Pt. ASR Plow
IH 720 5x20 ASR Plow
IH 642 4x16 Rollover Plow- 3X Base
JD 4200 4x18 Rollover Plow
JD 1450 4x18 Trip Back Plow
JD 1450 5x16 Trip Back Plow
(2) JD 3x16- 3 Pt. Plow
(2) JD 3x14- 3 Pt. Plow
White 508 3x18 ASR Plow
Oliver 6x18 ASR Plow
MF 880 4x16 ASR Plow
(2) MF 57 4x16 Rollover Plow
Long 4X 2 Way Plow- 3X Base
JD 1710- 11' Mulch Tiller
JD 1710A 9' Mulch Tiller
Brillion 12' Pull Chisel Plow
Oliver 6' 3 Pt. Chisel
JD 9' Offset Disc
NH OD100 12½ ' Offset Disc
(2) Miller 11' Offset Disc
(3) IH 500 Cutting Disc, 12', 13' & 14'
JD 12' Cutting Discs
(2) White 271- 18' Wing Fold Rockflex
IH 470- 14' & 15' Discs
(2) IH 37- 9½ Discs
Bush Hog 12' Cutting Disc
JD RWA 8' Disc
JD 110 14' Disc
JD 215 10' Finish Disc
JD KBA Disc
JD 13' 3 Pt. Field Conditioner
Lorenz 13'-3 Pt. Field Conditioner w/Rolling Basket
IH #45- 21' Wing Fold Field Cult.
(2) IH #45- 19' Wing Fold Field Cult.
IH #45- 18' Wing Fold Field Cult.
(3) IH #45- 12'- 3 Pt. Field Cult.
IH #45- 12' Fast Hitch Field Cult.
White 16' Wing Fold Field Cult.
Glencoe 10' Field Cult.
Case IH 183 6x30 Danish Cultivator
JD RM 4 3 Pt. Cultivators
(5) JD- RM- 6 Row Cultivators
(2) Ford 2 Row- 3 Pt. Cultivator
(2) Brillion 15' Cultimulchers
IH 315- 14' Cultimulcher
JD 930 12' 3 Pt. Cultimulcher
Dunham 10' Cultimulcher
Kewanee 10' Cultimulcher
Brillion 10' and 12' Mulchers
Dunham 15' Cultipacker w/Transport
Brillion 14 Cultipacker w/End Transport & Star Wheels
Brillion 11' Cultipacker
Brillion 12' Cultipacker
Chattanooga 12' Crowsfoot
(2) Brillion 8' Cultipacker

MANY MORE ITEMS NOT LISTED

MISC. EQUIPMENT

1976 JD 4400 Diesel 13' Grain
Rhino 15' Wing Mower
Woods 0121- 10' Offset Mower
Terrain King TK15 Wing Mower
(2) JD 327 Baler w/Ejector
JD 346 Baler w/Ejector
NH 273 Baler w/Thrower
New Woods MD 315 Batwing Mower
JD 1240 Plateless 4x Cornplanter
JD 7000 4x36 Cornplanter
NH 478 Haybine
NH 472 Haybine
IH 990 9' Haybine
(3) NH 451 Sickle Mower
(2) Farmco 18x8 Steel Hay Wagons
JD 1500 3 Pt. Power Drill
New Holland 1002 Stackliner
New Loader Buckets In Stock
(5) Small Manure Spreaders
JD 400 Grain Buggy
(4) Gravity Wagons
JD 148 Loader w/3020 Brackets
Bush Hog Loader To Fit MF35
Brillion 6' & 8' Packer Seeders
Duals- 18.4x38, 20.8x38, 16.9x34
Ford 172 Cu. In. Power Unit
Cub And Super A Snowblades
Zimmerman 32' Elevator- Very Nice

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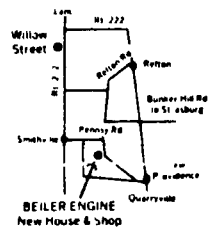
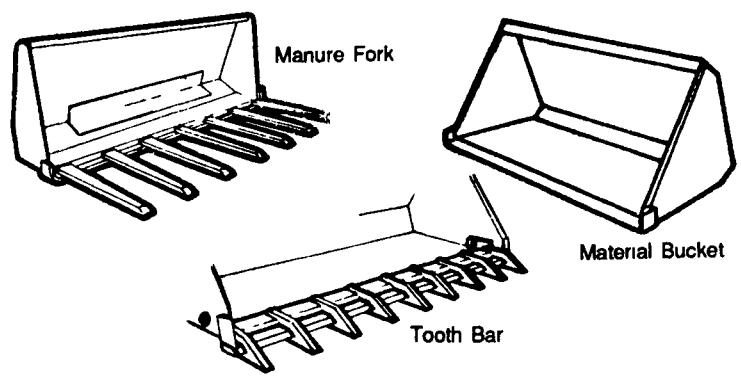


Write to 280 Pennsy Rd. or Leave Message at
717-786-7943
To Schedule Pick-Up

ATTACHMENTS for Skid Steer Loaders



- Standard or Custom Sizes
- Hardened, Beveled Edge
- 7 gauge Material (other gauges available)

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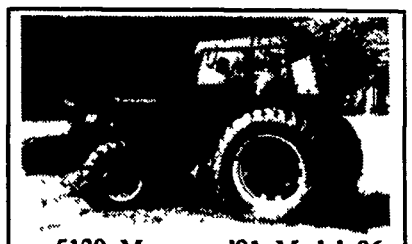
JD 5400 chopper, small knives, 1,900 hrs., 3 row corn head & grass head, very sharp, 1 owner
NH 1895 chopper, 4x4 w/corn & hay head
NI 709 Uni System, 4 WD, excellent condition
Gleaner F, 1976 model w/grain head
Gleaner F2, 4 cyl., turbo
JD 2755
JD 2950, cab & air, 4WD, 38" rubber
JD 2950, 4x4
JD 2550, 4x4
JD 4430, cab & air, quad range
JD 4430, cab & air, power shift
JD 4240, power shift, 4 post
JD 4230, 4 post, power shift
JD 4320, 38" rubber, excellent condition
JD 4020 power shift, dual hyd.
JD 4020, side console
JD 4000 w/cab
JD 3020, side console, hi clearance
Ford TW25, cab & air, 4x4
Ford 9700, cab & air
Ford 5600
Deutz DX140, cab & air, 4WD
Deutz 130-06, 4x4, cab & air
MF 1105, cab & air
Oliver 1955
Oliver 1855, 4WD
IH 1566, cab & air
IH 1486, cab & air
IH 1066, 1 owner, black stripe
IH 1066, cab & air $9,000
IH 856 w/cab
IH 560 gas
IH 574 utility
White 2-105, cab & air
White 2-70, red stripe
Cat 930 4x4 loader
NI 325 corn picker, 12 roll bed
NI 325 corn picker, 8 roll bed
NI 324 wide row picker
Miller 12' offset disc
Brillion 6 Row Cultivator
Brillion 8 Row Cultivator
JD 7000 corn planter, 6 row, no-till
Axle mount duals for IH 38"
Roll guard for 2950 ..... $650
Turbo charger for a 4030
Turbo charger for a 4230

Best Buys in Used Equipment

YEAR END SPECIALS

Prices reduced for December buyers on this inventory of New, used & demo. machinery.



5130 Maxxum '91 Model 86 H.P. MFD w/loader a used tractor with a new tractor warranty!!!
3.9% Financing

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JD 3010, diesel, NFE, clean	$ 4,900
JD 4430, Canopy, power shift	$13,500
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IH 504 diesel, NFE, 3 pt	$ 4,795
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IH 784, diesel, TA, WFE	$ 9,500
IH 1086, Cab, 2WD, rebuilt TA	$15,900
Case 2290, Cab, power shift	$ 9,900
Case IH 1120, 18 H.P. 4 WD, New	$10,495
Case IH 495, 4 WD, 42 H.P. New	$16,400
Case IH 695, 2WD, 62 H.P. demonstrator	$19,595
Case 580K, loader backhoe, cab, 1500 hours	$22,500
Magnum 7110, 130 H.P. 2WD, 950 hours 3.9% financing	

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Case IH 14 Subsoil, 5 Shank, (demo)	$ 5,350
Case IH 4500 Vibra Shank, 13', (new)	$ 2,650
Case IH 183, 6 Row Cultivator, (new)	$ 2,495
MF 52, transport disk, 12'	$ 695
Brillion 9 tooth chisel plow, hi clearance	$ 1,195

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New Idea 323 corn picker, 1 row	$ 2,300
NI 325, 2 RN, Picker	$ 4,800
NI 279, 9' cutditioner	$ 1,495
New Holland #8 forage box, roof, 3 beater	$ 2,595
New Holland 488 haybine	$ 1,900
New Holland 479 haybine	$ 1,695
New Holland 489 Haybine	$ 2,195
NH 275 baler w/engine	$ 2,195
New Holland 25 forage blower	$ 595
New Holland 27 forage blower	$ 595
New Holland bale thrower, #58	$ 250
John Deere 1327 disc mower conditioner w/flails	$ 5,695
JD 47 loader, real good	$ 1,995
Case IH 8530 rectangular baler w/thrower	$ 8,250
Gehl 1560 Forage Blower	$ 2,650
Gehl 1465 round baler (many extras, warranty)	$ 9,395
Gehl 99 forage blower	$ 600
New Idea 406, 5 bar hydraulic rake	$ 1,700
New Idea 5407 disc mower, 3 pt. 7' cut	$ 3,300
New Idea 5209 disc mower conditioner, demo unit	$ 9,900
Hesston 1014 mower conditioner, 10' cut	$ 795

MISCELLANEOUS

JD 8350 Grain Drill, 18x7 w/grass seed	$ 2,695
IH 800 Corn Planter, 4 RN	$ 3,500
NI 9804, 4R Corn Planter, single frame (new)	$12,000
NI 9906, 6R Corn Planter, double frame (new)	$15,500
Ag Tech 665 loader for small diesel tractor	$ 1,300
Bush Hog post hole digger 9"x48"	$ 575
Kidd, small bale chopper, 3 pt	$ 1,995
Dual wheels for IH 66 series, 18.4x34	$ 550

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NI 213, 3 beater, 175 bu	$ 795
NI 350, endgate, 150 bu	$ 2,300
NI 351B, endgate, 180 bu	1,500
NI 362, endgate, 220 bu	$ 2,500
NI 3622, endgate, 220 bu (New)	$ 4,950
Gehl 175, endgate, 175 bu (New)	$ 4,295

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We Ship Parts U.P.S.

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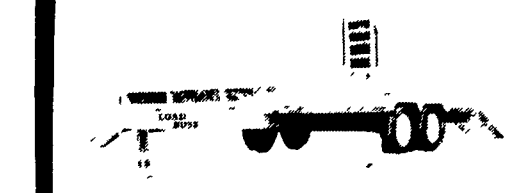
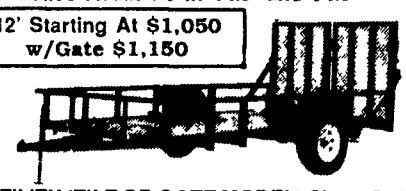


DECK-OVER CONSTRUCTION
16 x8' 7000# GVW ~~$2,895~~ $2,695
18 x8' w/Tail 10 000# GVW ~~$3,195~~ $2,995

Also Available In 4'x8' and 5'x8'
12' Starting At $1,050
w/Gate $1,150



UTILITY (TILT OR GATE MODEL) Sizes: 5'x8', 5'x10', 6'4"x10', 6'4"x12', 3000# GVW

16' Starting At $1,595
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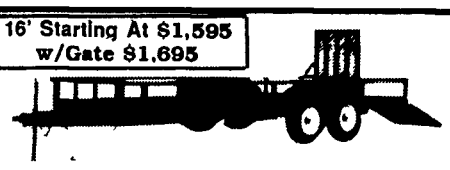

UTILITY WITH GATE - SIZES 12'x76", 14'x76", 16'x76" 18'x76", 18'x81", 7,000# GVW, 20'x81" 12,000# GVW

Also Available In Car Haulers 16', 18' 7,000# GVW

FLAT BED: Sizes 16'x76", 18'x76", 18'x81", 8,000# GVW, self storing 80" long ramps

STARTING AT $695.00
$100 Off Select Models

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International Farm Equipment

- 1 & 2 Bottom Plows
- Discs 4' - 8'
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- Concrete Mixers
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- Hay Rakes & Tedders
- Rotary Mowers 3'-11'
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- Truck Beds - 8' to 12'

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Starting At $495.00
50 Different Models
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Financing Available

$200 OFF IN STOCK -LIMITED TIME-

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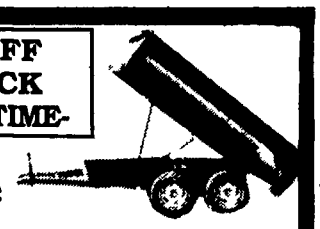

5'x10' 7000# ~~$2,795~~ Special $2,595
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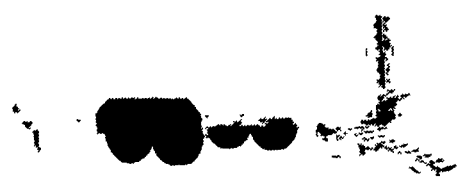

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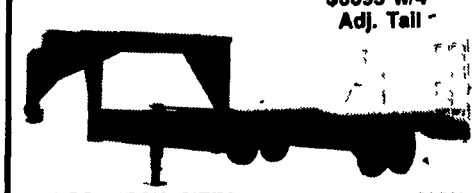
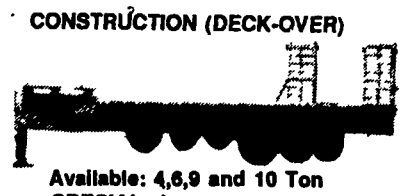
Starting At $3695 w/4' Adj. Tail



GOOSENECK SIZES: 20'x8', 12,000# GVW, 24'x8' 18,000# GVW.

CONSTRUCTION (DECK-OVER)



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Farmall 300 40-H.P. Gas .. $ 2,550

JD 2010 45-H.P., Gas w/NI Loader..... $ 3,550

JD 2630 [SOLD] w/JD 145 L..... $10,000

JD 4250 120-H.P., Cab, P/S, Duals..... $40,500

JD 4455 [SOLD] MFW..... $52,500

JD 4640 160-H.P., Cab, Quad, Duals..... $28,000

IH 1586 160-H.P., Cab, Duals..... $16,500

JD 1460 9-Ft. Mower Conditioner, Like New..... $11,900

JD 336 Baler w/JD 30 Ejector..... $ 4,550

JD 336 Baler w/JD 30 Ejector..... $ 6,250

JD 435 Round Baler..... $12,500

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JD 6620 Side Hill, Diesel, Hydro..... $30,500

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Trades Allowed When Using List Price For Equipment

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- Low Rate

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JD 1380 12-Ft. Mower Conditioner.....$2,000

NI 245 10-Ton Spreader $3,000

AC 7060 160-HP Tractor w/Cab.....$11,500

20% OFF

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IHC 430 Baler Ejector..... $ 1,895

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JD 1219 9-Ft. Mower Conditioner..... $ 4,750

IHC 830 Forage Harvester w/2R30 Cornhead..... $ 4,750

JD 7000 4R30 Cons. Corn Planter w/Coult..... $ 7,250

Lilliston 18x7 No-Til Drill... $ 7,850

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NH 320 Baler w/Chute ..... $ 4,000

JD 4400 Diesel, Cab, Variable Speed, Spreader.....$18,000

Gleaner L2 Hydro w/15-Ft. Flex, 6R30 Corn Head.....$31,000

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Case 252 Rollers
Demonstrators
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Case 1455B Crawler Loader w/1600 Hrs.....$35,000
1987 Case 580K Loader Backhoe, cab, extend a hoe.....$27,900

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JD 310C, 4x4 BH w/Cab..... Call
JD 450G, 6 Way Dozer..... Call
JD 350 6 Way Dozer.....$5,500
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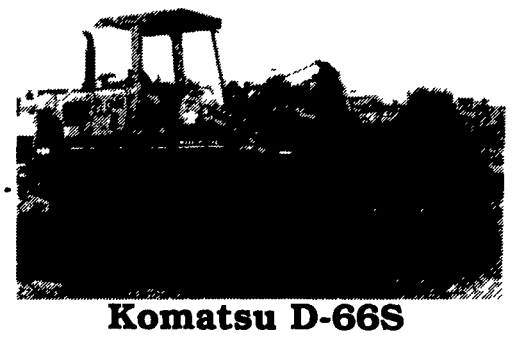
Heavy Equipment Loader Parts, Inc.

CONSTRUCTION EQUIPMENT & PARTS SALES



Komatsu D-66S
Crawler Loader
ROPS/GP Bucket
$32,500

Rt. 22, RD 2, Box 2230,
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1a CONSTRUCTION EQUIPMENT

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450-B Case crawler loader, 207 diesel new U/C $16,500. Case IH 245, 18 PTO hp, $4,800, 255, 21 PTO hp, $5,400. Both w/60" belly mowers. (215)932-9064.

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(9) BACKHOES

(9) Hoe Attachments	From $2,000
Dig It 148 Compact	$5,500
Case 580B - Diesel - 1972	$8,900
Ford 515 Diesel - 1975	$8,900
IH 260A - Diesel - 1979	$8,900
IH 270A - 1979 - Diesel	$9,900
JD 310A - ROPS - 1977	$12,500
Case 580 Super E - Cab 1986	$15,000
Dynahoe 200B - 4x4 - Big	$15,000
JD 710B - EROPS - 1985	$27,500

MISCELLANEOUS CONSTRUCTION

(50) New & Used Hoe Buckets	COME SEE
(50) Loader Buckets	COME SEE
(50) Set Forklift Forks	COME SEE
(3) Tree Planter	$595-$795
Giant Leaf Vacuum	$900
Ripper For Crawler	$1,000
Root Rake - 7'	$1,200
(2) Sweepers	$695-$2,000
Layton Asphalt Spreader Box	$2,500
Schramm 160 Air Comp.	$3,000
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1987 1½ Ton Vibratory Roller	$3,500
Vermeer Stump Grinder	$3,500
IH 140 w/Power Broom- 1972	$3,900
Vibratory Pull Type Roller - Diesel	$3,900
(7) Sheeps Foot 2 Drum Roller	$2,500/$4,500
JD 5010 Scraper	$4,900
Ingersol 175 Diesel Air Compressor	$5,900
Construction Ramp, 36' Long	$6,900
Huber 1500 Grader - Diesel	$7,900
JD 760 Scraper	$9,900
Insley H1000 Excavator- 1974	$13,500
Clark Super 501 Grader- 6x6	$14,500
Galion V05-84A Vib. Roller- 84"	$19,500
Bucyrus Erie 45C Truck Crane	CALL

(12) CRAWLER LOADERS

JD 440 Diesel	$3,500
Case 350 - 1971	$6,900
JD 450B - ROPS - 1972	$9,900
Cat 955K - Ripper - 1968	$10,500
JD 350C - With Hoe - 1977	$12,500
Cat 977K - ROPS - 1970	$13,500
Cat 941B - 1974 - 4 In 1 - ROPS	$16,500
Fiat FL9 - ROPS - 1979	$16,500
Case 1150C - ROPS - 1981	$18,500
Case 455C - ROPS - 1986	$22,500
Case 1155D - 4NI - 1983	$24,500
CAT 983 - Cab - 1969	$35,000

(9) DOZERS

IH TD5 - Winch - No Blade	$2,500
AC HD6 - Diesel	$3,900
JD 350C-6 Way - 1984	$12,500
Case 350B - ROPS - 6 Way- 1980	$12,500
JD 450B - 6 Way - ROPS - 1973	$12,500
Cat D3 - 6 Way - 1976	$13,500
IH TD7E - 6 Way - 1984	$17,500
Komatsu D65E - ROPS - 1976	$19,500
Case 850C - ROPS - 6 Way - 1981	$22,500

(6) TRUCKS/CARS

1982 Yamaha 650 Maxim Cycle	$1,500
1985 Honda Accord LX - 4 Dr.	$3,900
1977 IH 31' Bucket Truck	$4,900
1979 Ford F600 31' Bucket Truck	$6,900
1980 Ford F600 28' Bucket Truck	$8,900
1989 Acura Legend L Sedan	$15,900

(3) FORKLIFTS

White 4000 Lb. - LP Gas - Air Tires	$2,900
Yale 15000 Lb. - Diesel	$4,900
Pettibone B66-4x4-Extendo	CALL

(2) LOG SKIDDERS

JD 440A - Diesel - 1970	$8,900
JD 440C - Diesel - 1980	$18,500

(4) TRACTORS WITH LOADERS

(2) Kubota L345 - 4x4 - 3 Pt - PTO	$5,500
Versatile 150 - 4x4 - 3 Pt. - PTO - 1977	$8,500
Ford 5600 - 4x4 - 3 Pt. - PTO - 1981	$14,500

(3) SKID LOADERS

Case 1845 - Gas	$2,500
JD 90 - Gas - 1980	$4,500
Case 1818 Diesel - New	Coming In

(22) TRAILERS

1991 5 Ton - Tag-A-Long - 16'	$1,895
(2) 1992 5 Ton Tag-A-Long - 16'	$1,995
1979 3 Axle Tag-A-Long - 12 Ton	$1,999
(4) 1993 5 Ton Tag-A-Long - 18'	$2,195
1977 2 Axle 7 Ton Tag-A-Long	$2,400
1978 3 Axle 11 Ton Tag-A-Long	$2,700
2 Axle 12 Ton Tag-A-Long	$2,900
18 Ton Tag-A-Long	$2,900
13 Ton 3 Axle Tag-A-Long	$3,400
1984 11 Ton Tag-A-Long	$3,500
35 Ton Lowboy	$3,900
1987 10 Ton Tag-A-Long	$4,200
1968 40 Ton Lo-Boy	$4,900
Hyster 25 Ton LowBoy	$4,900
1992 9 Ton Tag-A-Long	$5,850
1992 10 Ton Tag-A-Long	$6,450
1973 Transport 35 Ton Detachable	$9,900
1979 Load King 35 Ton Folding Gooseneck - Tri Axle	$12,900

(6) RUBBER TIRE LOADERS

Hough 90 Diesel - 1959	$2,900
Michigan 55 - Cab - Diesel - 1968	$5,900
Versatile 150 - Cab - 1977	$8,500
Fiat 545 - Cab - 1964	$9,500
Fiat 940 - Cab - 1976	$12,500
Cat 950 - Cab - 1970	$24,500

1a CONSTRUCTION EQUIPMENT

BACKHOE CASE 780 20' E-hoe, 1 owner, new engine & injection pump, new cutting edge, good condition, $6,850 410-833-9091

CAT 951 Crawler Loader $8500, CAT D4D Bull-Dozer 78-A $4500, Int Dump DT-466 Diesel $5000, Trailer Tag-A-Long 12Ton $1500 717-689-4693.

Distmantling for Parts The following dozers and track loaders JD MC, 440, 1010, 2010, 350, 350B, 450B, 450C Case: 310, 600 Cat D2, D4 IH: TD6, TD9 Oliver: 06, Oliver Cletrack Allis Chalmers. HD5, Fiat Allis FL7, Call Atkins Tractor Salvage 304-772-3741.

Dynahoe Backhoe and Loader, heavy duty, power shuttle, 6-cyl gas engine, $4000 or will trade for a small round baler or goosoneck flatbed 800/426-5227

FORK LIFT Baker Model B60PD, 130" lift, 6000 lb cap., 4' forks, diesel, pneumatic tires, very good condition, $4900. (717)354-3105

FORK LIFT Baker Model B50PD, 130" lift, 6000 lb cap , 4' forks, diesel, pneumatic tires, very good condition, $5800 (717)354-3105

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JD FINANCING AVAILABLE TO QUALIFIED BUYERS
FAX: 201-383-5756

CRAWLER LOADER

1984 JD 455D w/4 & 1 Bucket	$22,000
1986 JD 455E w/ROPS, Reg. Bucket	$24,000
1981 JD 555 w/ROPS Regular Bucket	$16,000
1980 JD 555, ROPS, 4&1 bucket	$16,000
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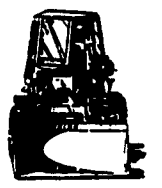

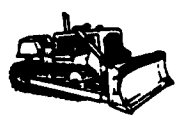

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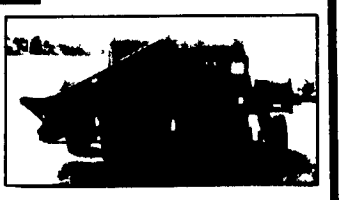

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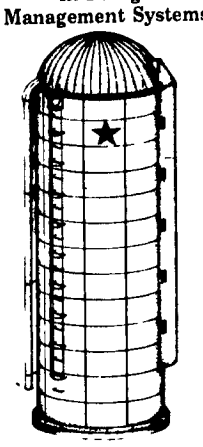

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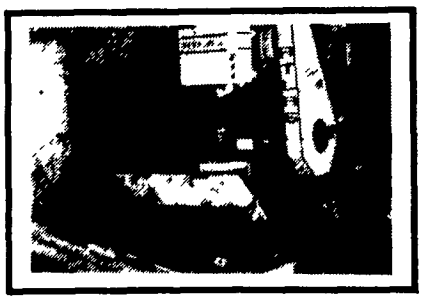

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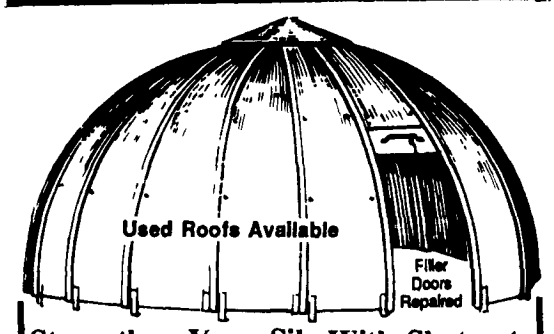

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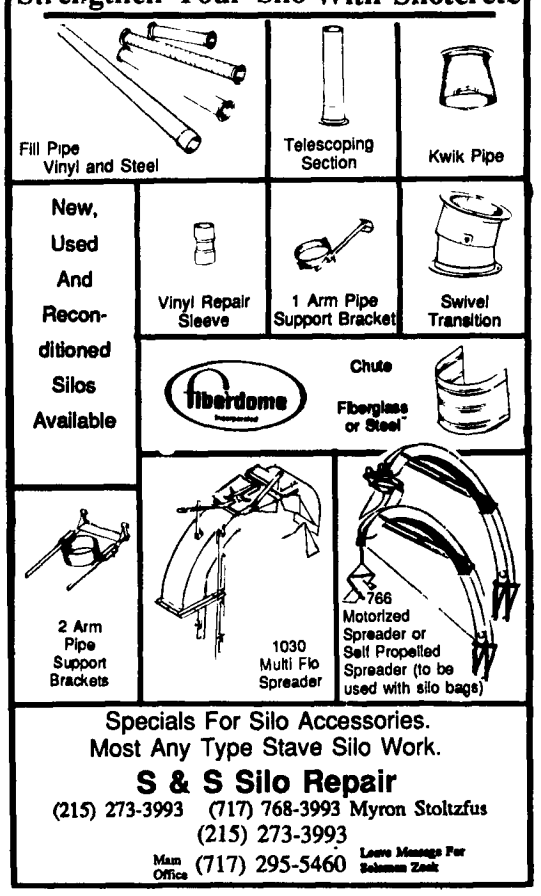
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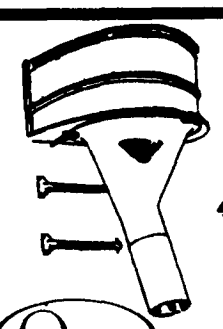

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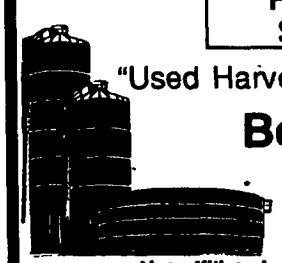

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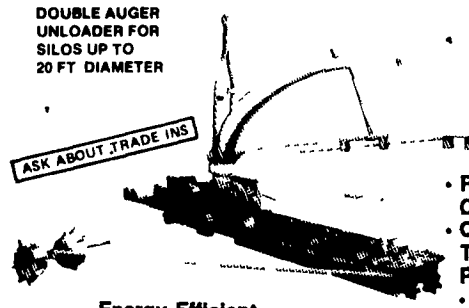

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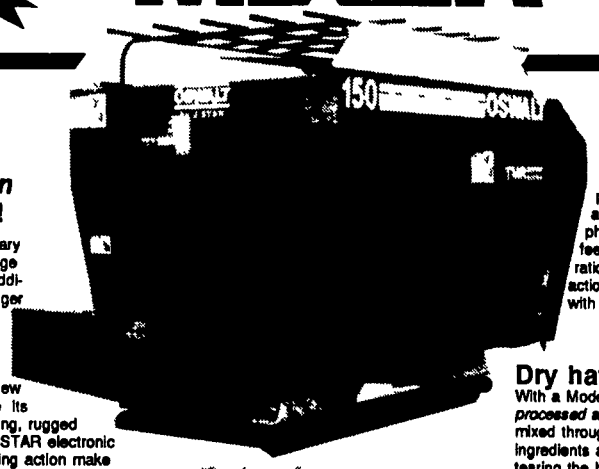

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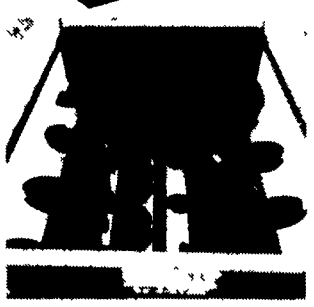

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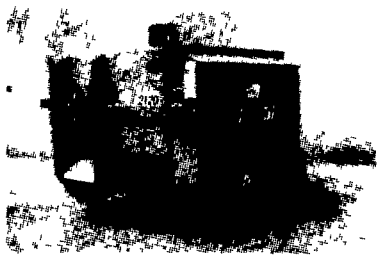
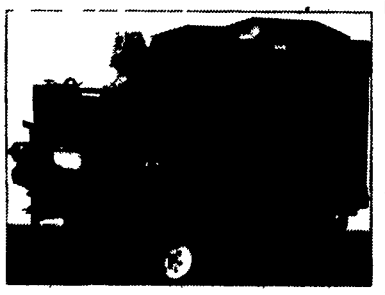
KNIGHT **Reel Auggie 2000 Series Mixer Blender/Feeders**



Tow, Truck, or Stationary Units. All of the Knight Reel Auggies are available for stationary applications, and all except the smallest RA2120 are available in low-type or truck mounted units

ROVIBEC

MOBILE SUPER-MIX



The SUPER-MIX is offered in four mixing capacities: model 525, 8-32 bu.; 530, 8-40 bu; 536, 8-48 bu and 542, 11-56 bu.

VAN DALE Dependability through Quality

■ S600 Bale Processors ■ Hydraulic Orbit Mixers

DECEMBER SPECIALS

• 530 Rovibec Demo Mixing Cart

Weightronic Scales, Model 700E, Fits Any Brand Mixing Unit At A Price Competitive To Beam Scales, 5 Year Warranty

Rovibec **MILL CREEK** Van Dale
FENCE & FARM SYSTEMS
2285 Old Philadelphia Pike — Lancaster, PA 17602
(717) 396-8987

DO-IT-YOURSELF FARMERS:

THIS IS THE BEST HAYLAGE SILO UNLOADER

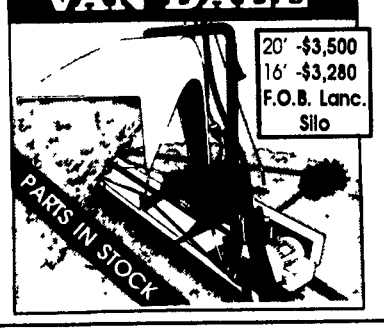
BUILT TO LAST!

Heavy Duty
20' -$4,450
16' -$4,250

HANSON
There is a difference

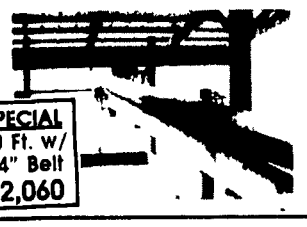
Season's Greetings From All Of Us At Lancaster Silo

VAN DALE



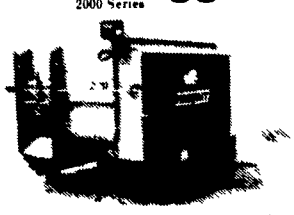
20' -$3,500
16' -$3,280
F.O.B. Lanc. Silo

Lancaster BRAND FEEDING SYSTEM EQUIPMENT

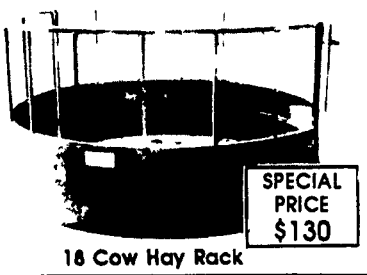


SPECIAL
80 Ft. w/ 14" Belt
$2,060

Reel Auggie 2000 Series



- 147 cu ft w/Scales $6,100
- Models 2120, 2170 Also In Stock



SPECIAL PRICE $130

16 Cow Hay Rack

Automatic

For Lease - Sale - Rental

- (2) 1200 Ear Corn Mills All New Units $10,000
- Model 400 - New $2,600
- Model 200 - New $2,200

- (3) Used 100 Ft Lancaster Belt Feeders
- 400 Ft Used Taper Board, Conveyor, Good Cond - Taken Out At US Naval Academy
- Herman Coal or Wood Stove, w/Glass Door $100
- Essic Mud Pump w/2" Concrete Hose $2,500
- NH 892 Harvester w/2RN Cornhead and grass head, good cond (or will sell separately) $4,500
- (1) Used Heavy Duty Winches - Rebuilt $200 Ea.
- 100 Ft Used Taper Board Conveyor @ $13 ft.
- NH 70 Bale Thrower, good cond $600
- Used 12 Ft Van Dale Unloader, Rebuilt $1,500
- Tobacco Press w/Air Cylinder $650
- (1) Automatic 200 Rollermill w/Motor $750
- Farm Gates Made To Order
- Cow Saver Magnet $125
- NH Pickup Head For 880 or 890 Harvester, Good $600

Lancaster Silo Co., Inc.
2008 Horseshoe Rd. • Lancaster, PA • (717) 299-3721

May all things warm and bright be yours this Christmas! It's been a pleasure to serve you!

CONTACT YOUR LOCAL PURINA DEALER

WARRIOR'S MARK FEED CENTER
P.O. Box #130
Warriors Mark, PA 16877
814/632-5490

FARMER'S UNION CO-OP
30 East Walters Avenue
Greencastle, PA 17225
717/597-3191

K & K FEED, INC.
23 N. Park Street
Richland, PA 17087
717/866-2324

THE OXFORD GRAIN & HAY CO.
1212 Railroad Ave.
Oxford, PA 19363
215/932-8521

BEDFORD FARM BUREAU
Bedford PA 814/623-6194
Everett, PA 814/652-2313
New Enterprise, PA 814/766-3328

FARM CREST FEEDS
Lititz, PA 17543
717-626-0331
800-432-3040

ANTHONY'S FEED MILL
P.O. Box 212
Strausstown, PA 19559
215/488-6211

HESS MILLS
Paradise, PA 17562
717/442-4183
717/768-3301

Unionville, PA 19375
215/347-2377

UMBERGER'S MILL
R.D. #4 - Box #545
Lebanon, PA 17042
717/867-5161

GLENVILLE FARM CENTER
Glenville, PA 17329
717/235-1290

FRANKLIN FEED & SUPPLY
1977 Philadelphia Ave.
Chambersburg, PA
717/264-6148

DETRICH ELEVATOR, INC.
5458 Cedar St.
Williamson, PA 17270
717/369-3724

WILLIAM GOWER & SON
Rt 1, Box 50
Williamsport, MD 21795
301/582-2818

CHECK-R-BOARD
239 W. Main St.
Knoxville, PA 16928
814/326-4178

HIGH BROTHERS
441 Centerville Road
Gordonville, PA 17529
717/354-0301

H.C. SUMMERS, INC.
4002 Jefferson Pike
Jefferson, MD
301/473-8300

M.G. HENNINGER & SON, INC.
Berrysburg, PA 17005
717/362-3333

WOODSTOWN ICE & COAL CO., INC.
50 East Grant Street
Woodstown, NJ 08098
609/769-0069

OLEY VALLEY FEED
RD2 - Box 271A
Oley, PA
215/987-3568

MARTIN'S FEED & FERTILIZER, INC.
Coburn, PA 16832
814/349-8787

SPENCER'S MILLING SERVICE
306 S. Rodney St.
Clayton, DE 19938
302/653-8011

NISSLEY FEED CENTER
Mill Rd., Box 377
Morgantown, PA 19543
215/286-9029

TRI COUNTY AG CENTER, INC.
McVeytown, PA 17051
717/899-6772

R D BOWMAN & SONS, INC.
Englar Rd
Westminster, MD 21157
301/848-3733

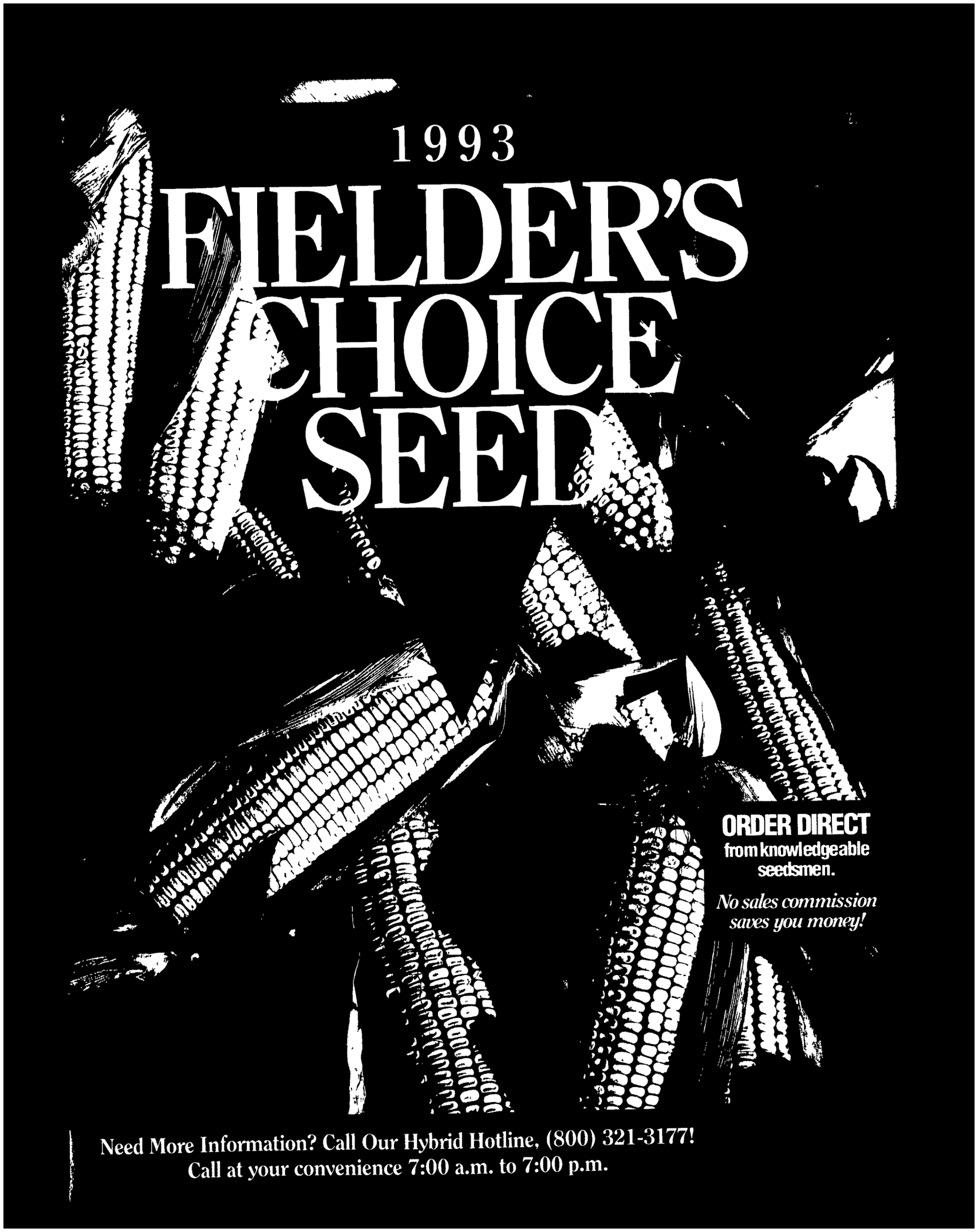
NORTH GLADE FEED & SUPPLY, INC.
12435-A Woodsboro Pike
Keymar, MD 21757
301/898-3414

WELLCO FEED
RR 2, Box 1-A
Wyalusing, PA 18853

PURINA MILLS, INC.

Feeds designed with you in mind.

* Trademark of Ralston Purina Company


1993
FIELDER'S CHOICE SEED
ORDER DIRECT
from knowledgeable seedsmen.
No sales commission saves you money!
Need More Information? Call Our Hybrid Hotline, (800) 321-3177!
Call at your convenience 7:00 a.m. to 7:00 p.m.

The Fielder's Choice™ Concept... An American Success Story

"The Fielder's Choice story is one of good old Yankee ingenuity. It's an American success story. And it's proof of the power in giving the American farmer what he wants and deserves... high quality and high value."
—Mike Williams, President

Winning in America

"You can probably remember when good old Yankee ingenuity and the efficiency of American industry ruled the world. Made in Japan meant junk. And you would never have used a tool made in Taiwan! What has happened?

Is it happening to American agriculture? Are we next? Right behind the auto industry, foreign companies are already buying the American seed corn industry.

"I say enough is enough! We of the family-owned, American companies remaining in the seed corn industry, must do much more than just get competitive. It's time for me to turn the tables and show the world what made America great in the first place.

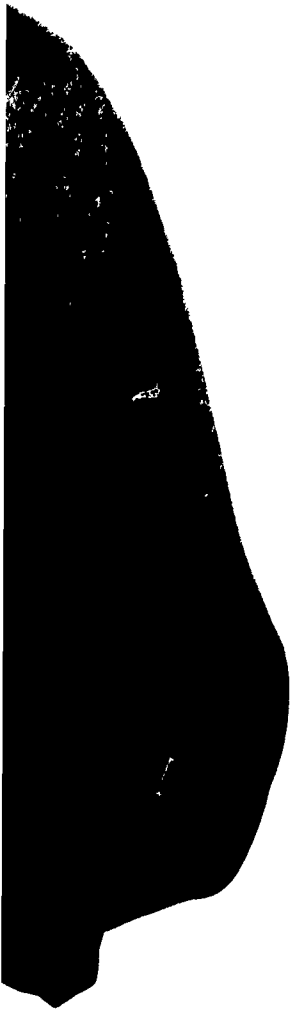
"Did you know that a major reason why your costs for seed and equipment have increased so dramatically during the past decade is the fact that American manufacturers and suppliers have continued to use the same, outdated production, distribution, and sales tactics as they did 40 years ago! This is unacceptable. This cost/price increase trend must stop. The seed industry, for one, must change its ways. We need to become as efficient as our valued customer, the American farmer, who has adopted larger machinery, minimum tillage practices, single-pass pest control application, automated feeding and a host of other time- and labor-saving practices.

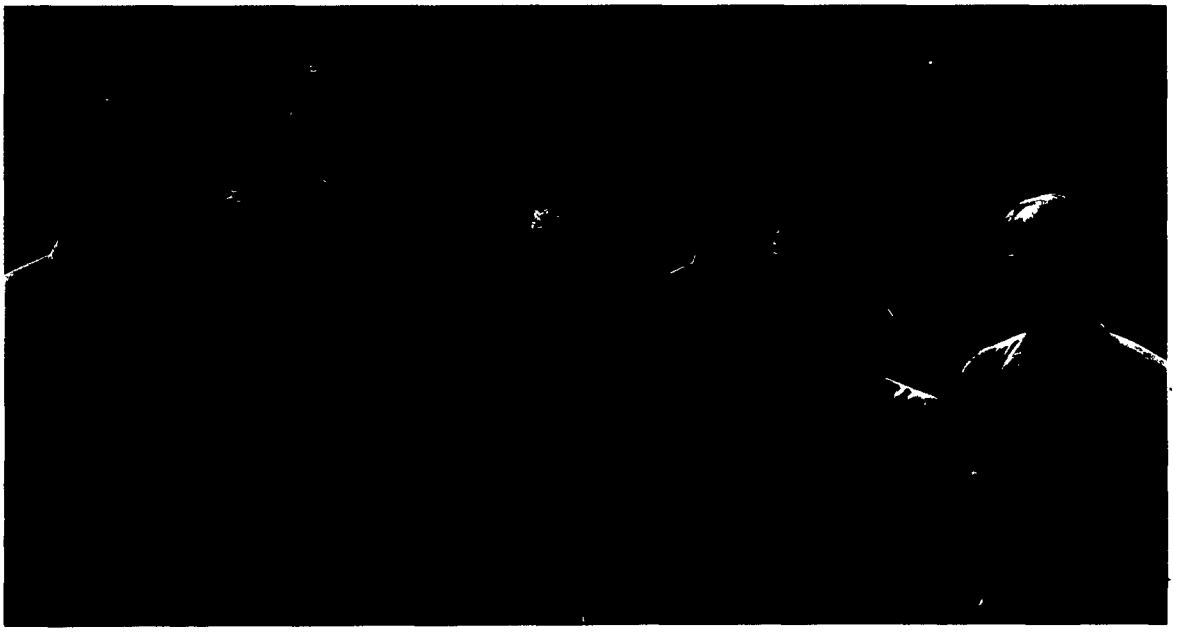
"I can't change the world. I can't even change the seed industry. But I sure can change the way my company operates. So, at Fielder's Choice, we do everything we can every day to eliminate inefficiency within our company. I am committed to giving you the best quality and the best seed value. Here's how.

"To reduce our costs to you, we have spent the past six years developing more efficient marketing strategies including a very effective direct-to-the-customer sales and distribution system. We've perfected a modern, more productive seed growing and processing strategy that utilizes 100% of the seed production capability of our fields—not 75% utilization as with other seed companies.

"To save you money, every nonessential cost has been eliminated from our breeding, production and marketing operations. The cost of stocking unnecessary inventory is avoided by quickly discontinuing any marginal products. When you select Fielder's Choice, you avoid paying sales commissions to dealers because we sell direct to you. Plus, the high cost of salaries, sales commissions and expense accounts for traveling salespeople, district sales managers, and vice presidents have all been eliminated in order to offer the American farmer what he wants but is not getting from the other seed companies—stellar quality seed corn at a very competitive price."

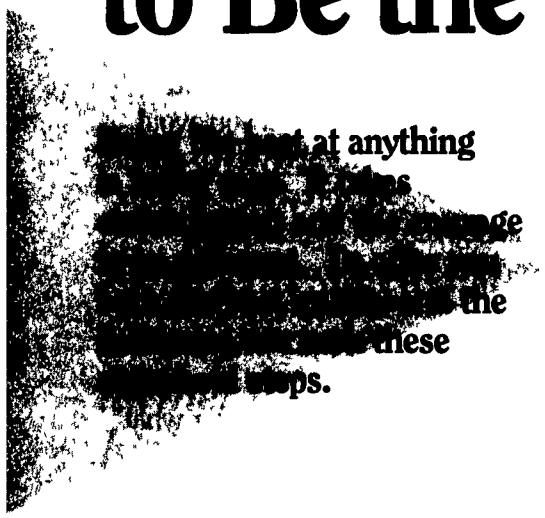
Mike Williams, President





IMPORTANT:
This is your 1993 Fielder's Choice seed corn ordering information. See the hybrid line-up on pages 12 and 13 and use the order form to place your 1993 season order. Order direct. Order at least three Fielder's Choice hybrids now. And save!

Eight Bold Steps to Be the Best



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"How can you possibly sell premium quality seed corn for about one-half of the price for which major companies sell it?"

"Many of our customers ask this question. And it deserves an answer. Please take the time now to read this entire catalog . . . it's the easiest way for you to find out more about our company.

"Start by looking at the chart below. It provides an overview of how we save you money by

STEP 1

Produce More for Less

"In order to offer you a lower price without sacrificing seed quality, we had to improve seed production efficiency . . . we had to produce more seed at a lower cost. Interplanting was the answer." In traditional seed production fields, at least two of every eight rows are dedicated to growing male (pollinator) corn. With Fielder's Choice,™ the seed production (female) corn is planted on 38-inch rows. Male corn is then interplanted on 19-inch centers between the female corn rows. The male rows are removed immediately after pollination, so they do not compete for space, light and nutrients. Interplanting helps avoid outcrossing for improved genetic purity, and enables us to use 100% of each field's production capability to grow seed. The use of 38-inch rows, high soil fertility and higher female plant populations combines to provide Fielder's Choice a substantial yield advantage compared to a typical seed production company. This is a big reason why Fielder's Choice is such a good value.

STEP 2

Provide Faster, Better Service

Fast, efficient, accurate customer service. It is what you deserve. And it is what you get from Fielder's Choice! Think about this. With traditional seed companies, your dealer interprets the product information in the seed catalog with the help of his district sales manager. The district sales manager gets his information from the product manager or the research manager. So there are opportunities for various interpretations. At Fielder's Choice, one call does it all. Your Fielder's Choice customer service representatives are familiar with the hybrids and can provide answers to your questions. Plus, Fielder's Choice has extended its hours of operation to be here when it is convenient for you to call . . . not just banker's hours. Our goal is to provide you the service you need when it is convenient for you! Fast. Efficient. Accurate.

STEP 3

Pull a Few Fingers From the Pie

With Fielder's Choice, you order direct. You pay no sales commission. You save money. In traditional seed companies, dealers and company salespeople, district managers, regional managers and even some vice presidents of sales and marketing receive money and other costly rewards based on the dollar value of their seed sales to you. There are just too many fingers in the pie. We eliminate all these costs by *eliminating the entire sales function! You see, Fielder's Choice seed corn is not sold at all; it is requested and purchased by our customers.* Our goal is to provide you with a much more efficient, convenient, low-pressure way to do business. Our customers seem to like it, too!

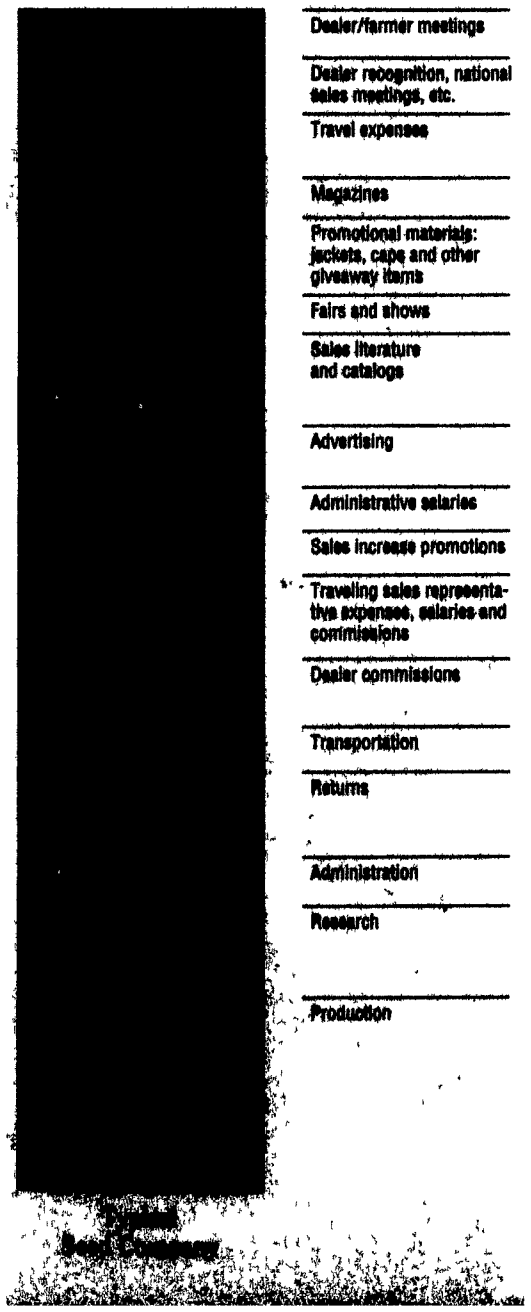
STEP 4

Cut the Craziness

If you have ever purchased equipment, seed or other products only to discover that your purchase has helped to qualify the dealer for a trip to Acapulco, Bermuda, Cancun, Las Vegas, or some other exciting destination, you already have discovered the true "thrill" of a company sales incentive program. As for most customer purchase incentive programs, we know that the only way they work financially is when many people pay for rewards which only a few customers actually receive. If you are not in a position to take advantage of customer incentive programs, we think you deserve the option not to pay for them. Believe it or not, these companies pay people $40,000–$50,000 every year to create these promotional programs! This is crazy! Naturally, when you buy Fielder's Choice, you don't pay for the crazy ideas of some

- Travel expenses
- Magazines
- Sales literature and catalogs
- Advertising
- Administrative salaries
- Transportation
- Administration
- Research
- Production

keeping the cost of seed as low as possible. But even more important, look at the rest of this catalog. It explains how we are more efficient than other seed companies, how we guarantee premium quality seed, and how we deliver the best value in the seed corn industry to you."



marketing genius—we have no dealers, no salespeople, no crazy marketing geniuses and no sales contests.

STEP 5

Ship Direct to You

You are going to like our efficient, money-saving distribution system. First, you save money because the only freight accrued is that which is associated with the shipment of *your order.* You don't "share" the freight costs of others. Second, you save more money because you are in control of how your Fielder's Choice corn is shipped to you. You can select the least-cost method of shipment, or the method most convenient for you! Here is how it works.

The Fielder's Choice streamlined distribution system consists of many regional pickup points where customers pick up their seed. Your Regional Distribution Centers (RDC) are strategically located to maximize convenience to you and keep your seed costs to a minimum. These distribution centers are inexpensive to operate and add very little to the seed price. Plus, many of our customers prefer picking up their seed at our Monon warehouse and saving even more money!

STEP 6

Practice Smart Product Management

Fielder's Choice avoids the cost of excessive inventory in order to sell corn to you for less. At Fielder's Choice, if a hybrid does not sell and sell well, it is eliminated from our hybrid line-up. We stop growing it, stop processing and bagging it, and stop inventorying it. Instead, we invest our production resources wisely to maintain a good supply of high-performance, reliable hybrids which offer genetic diversity and the growing attributes our customers require. Some other seed companies must continue to market outdated hybrids because of enormous inventories of old products. Even though they are capable of producing better product, they simply cannot afford to abandon their surplus inventory. This inventory and added overhead add unnecessary costs to every hybrid they sell!

STEP 7

Minimize Debt Service Expense

Because we don't have much debt and don't pay a lot of interest to bankers, we can sell seed for less and you save money. When you buy Fielder's Choice, you are buying seed corn, not paying our banker! The fact that Fielder's Choice is nearly debt-free has a dramatic impact on our ability to provide a high quality product at a very competitive price. Plus, it is another assurance to you that we will be here to serve you for many years to come.

STEP 8

Break a Few Traditions

Here are other ways you save money with Fielder's Choice. Like it or not, there are some traditions in the seed industry that no longer make sense. For example, seed return privileges, 50% off replanting allowances, and seed sold on credit cost you plenty when you buy other brands of seed.

Think about this. If you take a fishing trip and the fish don't bite, do you get your money back or 50% off on your next vacation? If you did, vacations would cost a lot more for everyone, wouldn't they? That's the way I see 50% off seed replanting allowances. It's an expensive, inefficient idea and a thing of the past.

We have not included the cost of replanting allowances in our seed prices either. We don't charge you for it . . . and consequently, we don't provide it. We do stand behind all of our products with a 100% satisfaction guarantee that our seed is free from faults. If you aren't fully satisfied with the quality of the seed, we will refund 100% of the purchase price. But because we invest so heavily in producing high quality seed, our money-back guarantee costs you nothing!

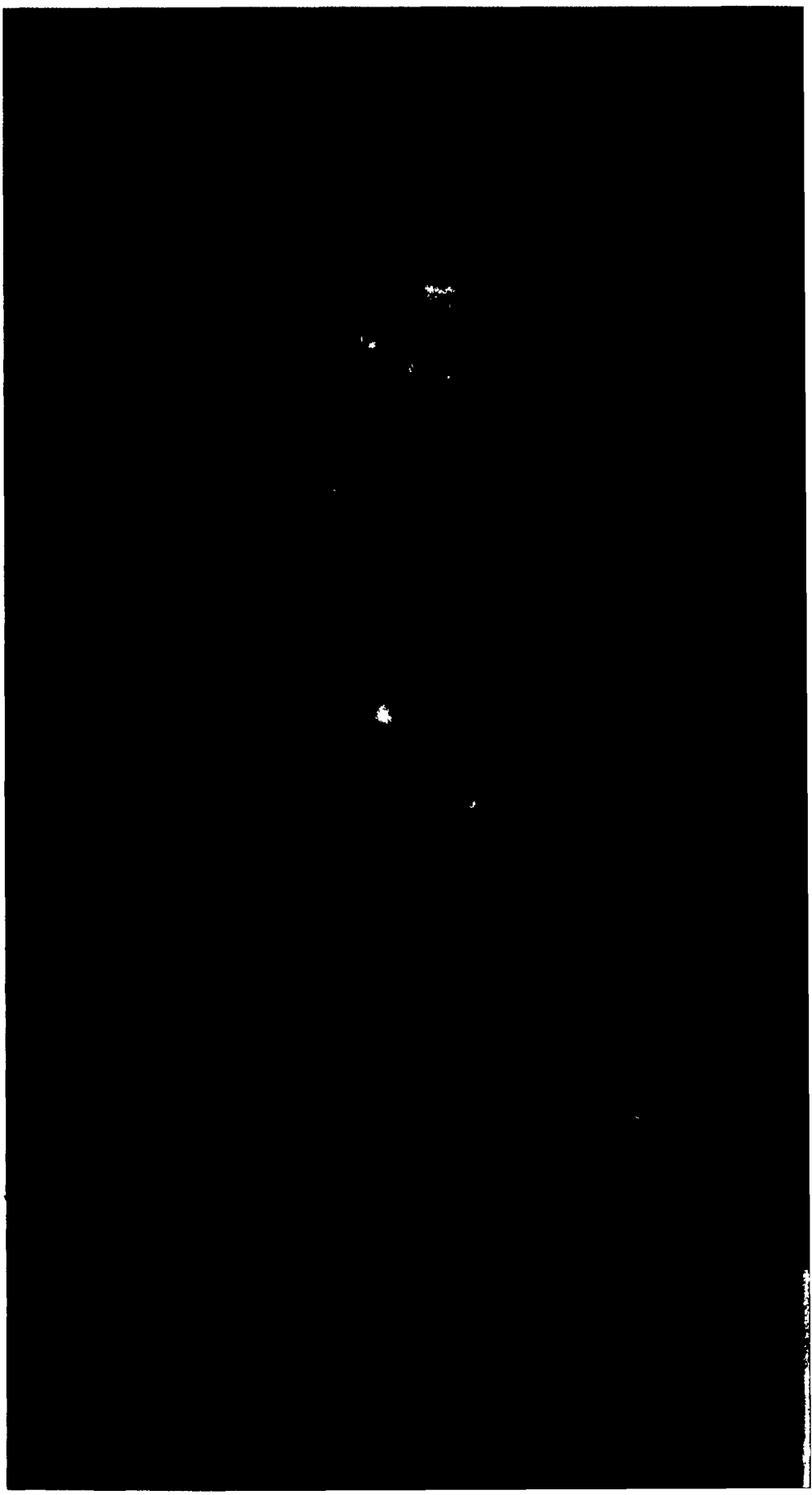
Returning seed corn to your seed company is another outdated, expensive idea. It greatly adds to the cost of the seed. For the most part, seed returns are an unnecessary expense. They typically happen because farmers, dealers and farmer/dealers double order to make sure they have the hybrids and grade sizes they need. Then, when all the seed arrives, they return the excess. Our customers order what they need and get what they order. And no one pays extra so that a few customers can send back their extra seed. If you need to exchange your Fielder's Choice seed, we'll work with you.

Because some seed companies sell on credit, you end up paying more for your seed because other farmers can't pay for theirs! Is that fair? No! Fielder's Choice is different. We are in the seed business, not the banking business. Fielder's Choice does not offer credit terms or carry delinquent accounts. Our policy is cash and carry. No seed leaves our warehouse until the customer has paid for it. So, you don't end up sharing the costs of delinquent accounts through higher priced seed.

Breaking the traditions of easy credit, costly seed returns and 50% off replanting allowances means you save big with Fielder's Choice.

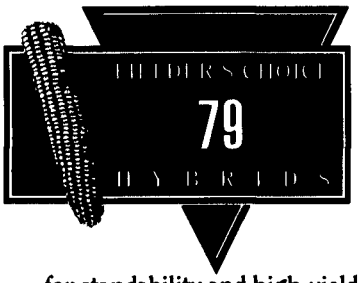
Fielder's Choice—Buy It With Confidence, Plant It With Pride

Fielder's Choice™ is top quality seed corn sold direct to you. Each Fielder's Choice hybrid is the result of careful breeding complemented by extremely efficient, quality-oriented growing, harvesting, processing, handling and management practices. Because Fielder's Choice brand seed corn is free from defects in genetic purity and physical damage, you can plant Fielder's Choice with the confidence that it will grow vigorously and provide superior yield potential. And because Fielder's Choice operations and marketing methods are more productive and efficient than those of the largest, most sophisticated seed corn companies in the world, we can offer high quality seed corn to you for less money.



We grow and process Fielder's Choice seed corn to be free from [redacted] and physical damage, so you can plant with confidence.

Need a hybrid with great drydown, call the Hybrid Hotline, (800) 321-3177!



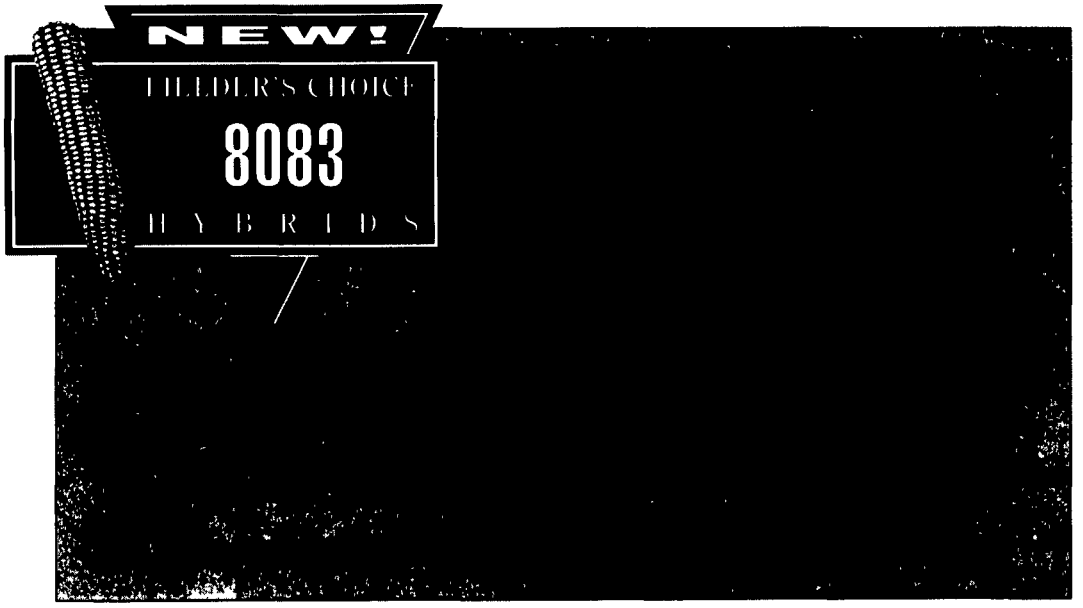
Northern Performer 79 Days

The late springs, cooler growing temperatures and early falls of the northern Corn Belt are no problem for this hardy 79-day early season single-cross. Bred for standability and high-yield potential, 79 is a very reliable and showy plant that grows vigorously. A widely adaptable hybrid, 79 is also known for exceptionally speedy emergence. Its deep green foliage and sturdy stalks deliver long slender ears with 14–16 kernel rows. Prior to harvest time, the shucks of 79 loosen to accelerate rapid drydown. So you'll save money by using less fuel for drying than with other early season hybrids!

$45.00

$44.00/bag with an order of three or more hybrid numbers.

Discover which Fielder's Choice hybrids yield best on your farm. Order and compare at least three Fielder's Choice hybrids this year!



"I've used Fielder's Choice for several years now. I put it against the best of the competition, and it's done very well for me."

Carl Hess

Yoder, Indiana

"We have used your corn for several years now and I like the RDC (Regional Distribution Center) concept. It's handy for us, and the people there are great, too."

Robert Giese

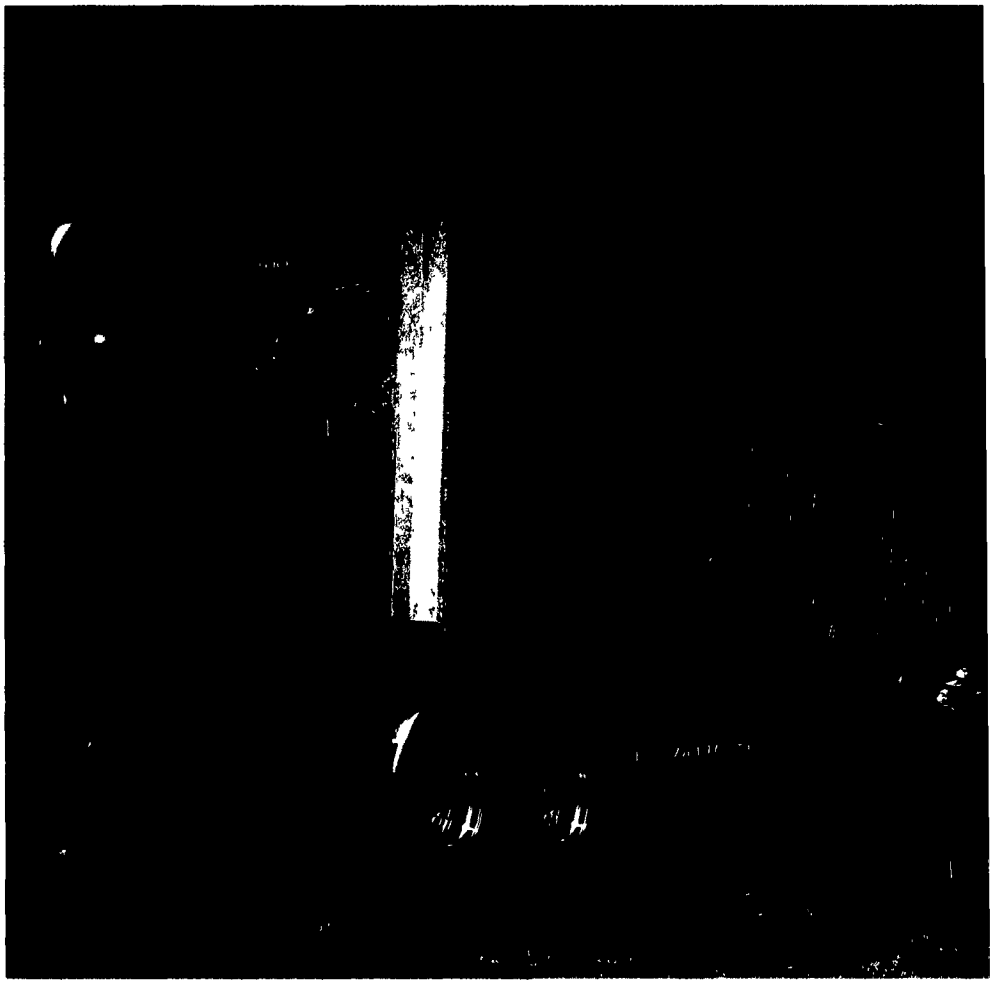
Loganville, Wisconsin

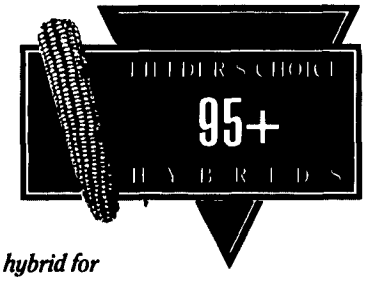
Need More Information? Call Our Hybrid Hotline, (800) 321-3177!

Call at your convenience 7:00 a.m. to 7:00 p.m.

Fielder's Choice—You Order Direct, We Ship Direct, You Save Money

More than 10,000 farmers throughout Illinois, Indiana, Kentucky, Michigan, Ohio, and Wisconsin buy Fielder's Choice™ regularly. They select our corn because it is sold directly to them at a very competitive price and because they can make their purchase decisions at their convenience. They use our toll-free telephone number to talk directly to knowledgeable Fielder's Choice customer service representatives who understand how each Fielder's Choice hybrid responds to the soil types and growing conditions in our market. And after they order direct from the company, the seed is shipped directly to the customer or a Regional Distribution Center, bypassing the dealer and eliminating duplicate handling, billing, and delivery expenses, as well as the commissions to dealers. This convenience in ordering and knowledgeable customer service support, combined with the economic advantage of an efficient direct-to-the-farmer distribution system, makes Fielder's Choice your value leader in the seed corn industry.





"I've used the Fielder's Choice 95+ hybrid for several years now for silage and high moisture grain. I've been real satisfied with its performance."

Curtis LaCourt

Oconto, Wisconsin

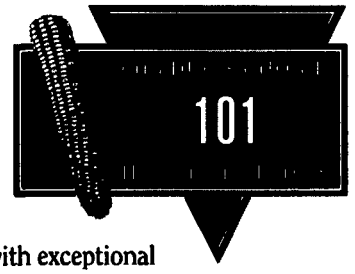
Ideal for Any Soil Type
95 Days

Here it is—the powerhouse of the Fielder's Choice™ early season line-up. With excellent yield potential and drought tolerance in this maturity, 95+ outperforms many early season hybrids. Even in poorer, varied soil types, 95+ has the potential to deliver exceptional test weights and great overall grain quality. 95+ is also suited for a wide range of soil fertility programs and tillage practices including no-till. Its long, slender ears are ideal for combining and ear harvesting. If a good early silage corn is what you need, you have found it in 95+. This hybrid provides a good grain-to-fodder ratio and has good resistance to northern leaf blight.

$45.00

$44.00/bag with an order of three or more hybrid numbers.

Looking for a sturdy corn with standability, call the Hybrid Hotline, (800) 321-3177!

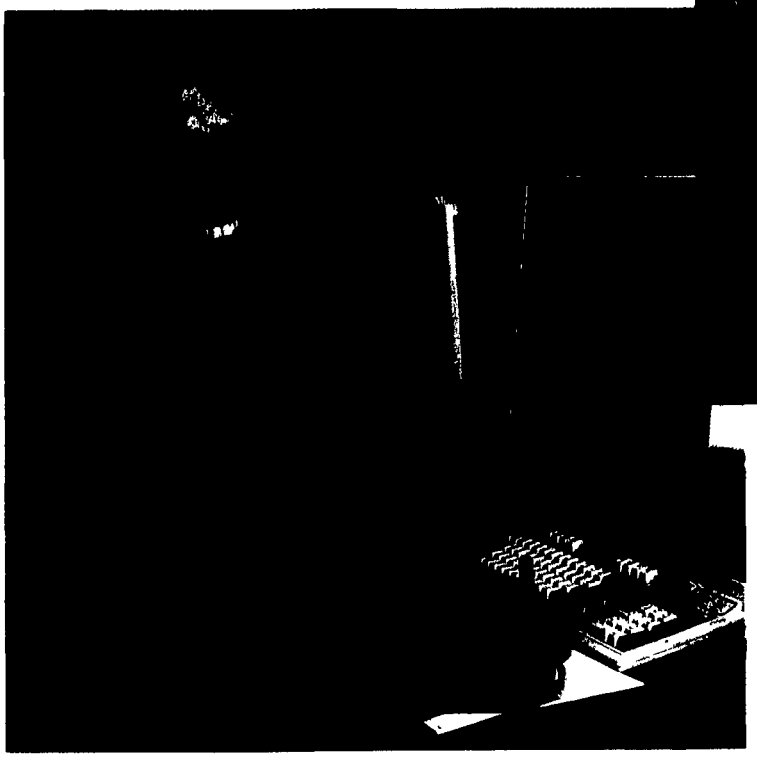


Fast Drydown 101 Days

Need a fast-drying hybrid with exceptional yield potential? We have your number and it's 101! This hybrid produces a long, expandable ear with large kernels in 12–14 rows. 101 performs best on heavier soils with better management for optimum yields. This hybrid makes a good companion to Fielder's Choice™ 95+ or 103+ because it provides true genetic diversity.

$45.00

$44.00/bag with an order of three or more hybrid numbers.



Need More Information? Call Our Hybrid Hotline, (800) 321-3177!

Call at your convenience 7:00 a.m. to 7:00 p.m.

Hundreds Are Tested, but Only a Few Become Fielder's Choice

The impressive yield you'll get from your next planting of Fielder's Choice™ is the result of product development programs involving experimental hybrids. Special licensing programs provide Fielder's Choice access to outstanding germ plasm pools. Our plant breeding program allows us to test new inbreds as they reach the market, as well the development of our own inbred material. This facilitates the production of hybrids which are better than those of many larger seed corn companies.

Our plant breeder supervises the crossing of inbreds to produce hundreds of test hybrids each year. Only a few are good enough to be called Fielder's Choice. No hybrid is ever added to the Fielder's Choice line-up without several seasons of testing. We work to develop many test crosses to pinpoint hybrid varieties that produce strong stalks for excellent standability, girthy ears (often double ears) for outstanding yields, and quick drydown for timely harvesting. Fielder's Choice hybrids are engineered to be disease, stress and drought resistant, and to respond to a variety of soil fertilities.

No hybrid is added to the Fielder's Choice line-up without several seasons of testing. It is one key to ensuring the high quality, vigor and purity of Fielder's Choice seed corn.

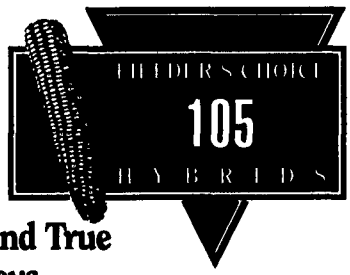
Fielder's Choice has th harvesting and seed-processing capa f its customers throughou

Early Season Extender
103 Days

Add 103+ to your hybrid mix as a harvest period extender. (It will stand there and wait for you to harvest it.) This two-eared hybrid has excellent standability and outstanding yield potential. Known for its drought tolerance, 103+ adapts to a wide range of soil types. With a moderate, girthy ear of 14–16 kernel rows, you'll find 103+ responds nicely to favorable growing conditions. 103+ is truly a late early-season favorite.

$45.00

$44.00/bag with an order of three or more hybrid numbers.



Tried and True
105 Days

Old reliable. Many Fielder's Choice™ customers find 105 a dependable performer and come back to this excellent-yielding hybrid year after year. 105's cobs are very small, but do not be deceived. 105 has a long, expandable ear with extremely large kernels to produce some of the best—and most consistent—test weights in the industry. 105 is one of the most adaptable hybrids available in this maturity. It handles a wide range of soil types and fertility programs. No-till farmers tend to rely on 105 because of its durability and seedling vigor.

$45.00

$44.00/bag with an order of three or more hybrid numbers.

Need More Information? Call Our Hybrid Hotline, (800) 321-3177!

Call at your convenience 7:00 a.m. to 7:00 p.m.

1993 Fielder's Choice Hyb

		Adapt-ability	Stress Tolerance	Dry Down	Plant Height	Ear Height	Kernel Rows	Stalk Strength	Root Strength	E T
EARLY SEASON	79	7	7	8	M	M	14-16	8	8	L E
	NEW! 8083	8	7	7	M	M	14-16	7	8	M
	90	7	8	7	M	L	16-18	7	8	G M
	95+	9	7	7	M-T	M	12-16	6	7	L E
	101	6	7	8	M	M	12-14	5	7	L E
MIDSEASON	103+	7	8	7	M-S	M-L	14-16	8	9	G
	105	9	7	7	M	M	12-14	6	7	L E
	A107	7	8	8	M-S	M	16-18	7	8	G M
	NEW! 8107	7	7	8	M	M	12-14	6	8	L E
	NEW! 8109	7	8	8	M	M	12-14	7	8	L
	E109	7	8	7	M	M	16-18	7	8	G L
	F109	9	7	7	MT	M	14-16	6	6	L
	NEW! 8111	9	9	7	MT	M	14-16	8	8	
	A113	8	7	7	MT	M	14-16	7	7	
	B113	5	5	6	MT	M	16-18	9	6	
	NEW! 8113	9	9	7	MT	M	16-18	7	7	
FULL SEASON	A115	5	5	5	T	H	16-18	9	6	
	NEW! 8115	6	6	6	MT	MH	16-18	7	8	
	NEW! 8116	9	9	7	T	H	14-16	7	7	
	MDM119	6	6	5	T	M	16-18	7	6	

9 = Superior 8 = Excellent 7 = Good 6 = Above Average 5 = Average 4 = Fair 3 = Adequate

T = Tall MT = Medium Tall H = High M = Medium MH = Medium High L = Long S = Small

yrid Line-Up

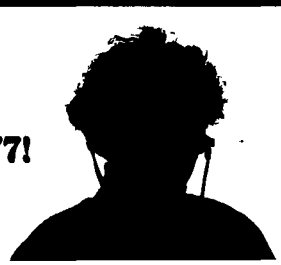
Disco[illegible] yield best on yo[illegible]re at least three Fielder's [illegible]is year!

Ear Type	Test Weight	Emergence	Seed Vigor	Ear Harvest	Grain Silage	Stay Green	Population	Maturity
Long Expandable	7	8	9	3	3	7	22-26	79
Medium Length	7	8	8	3	3	8	24-28	88
Girthy Medium Length	6	8	8	1	3	5	22-28	90
Long Expandable	9	7	7	9	7	5	22-26	95
Long Expandable	5	7	7	7	6	5	20-24 25+	101
Girthy	5	8	7	1	1	6	19-28	103
Long Expandable	9	7	8	9	7	6	18-26	105
Girthy Medium-Length	6	8	9	1	1	5	22-28	107
Long Expandable	5	8	7	7	6	5	22-26	107
Long	7	8	8	8	7	6	22-26	109
Girthy Med-Length	5	8	8	1	1	5	22-28	109
Long Expandable	9	7	7	9	7	5	18-26	109
Long Expandable	9	8	8	9	7	8	22-26	111
Long Expandable	9	7	7	9	7	6	18-26	113
Girthy Medium-Length	9	8	8	1	8	9	24-28	113
Medium Moderate Girth	7	8	8	5	6	7	24-28	113
Girthy Medium-Length	8	8	8	1	9	9	24-28	115
Girthy Medium-Length	8	7	7	3	6	7	24-28	115
Long Expandable	7	8	8	7	9	6	22-26	116
Medium Moderate Girth	7	7	7	6	8	6	20-26	119

2 = Moderate 1 = Not Recommended

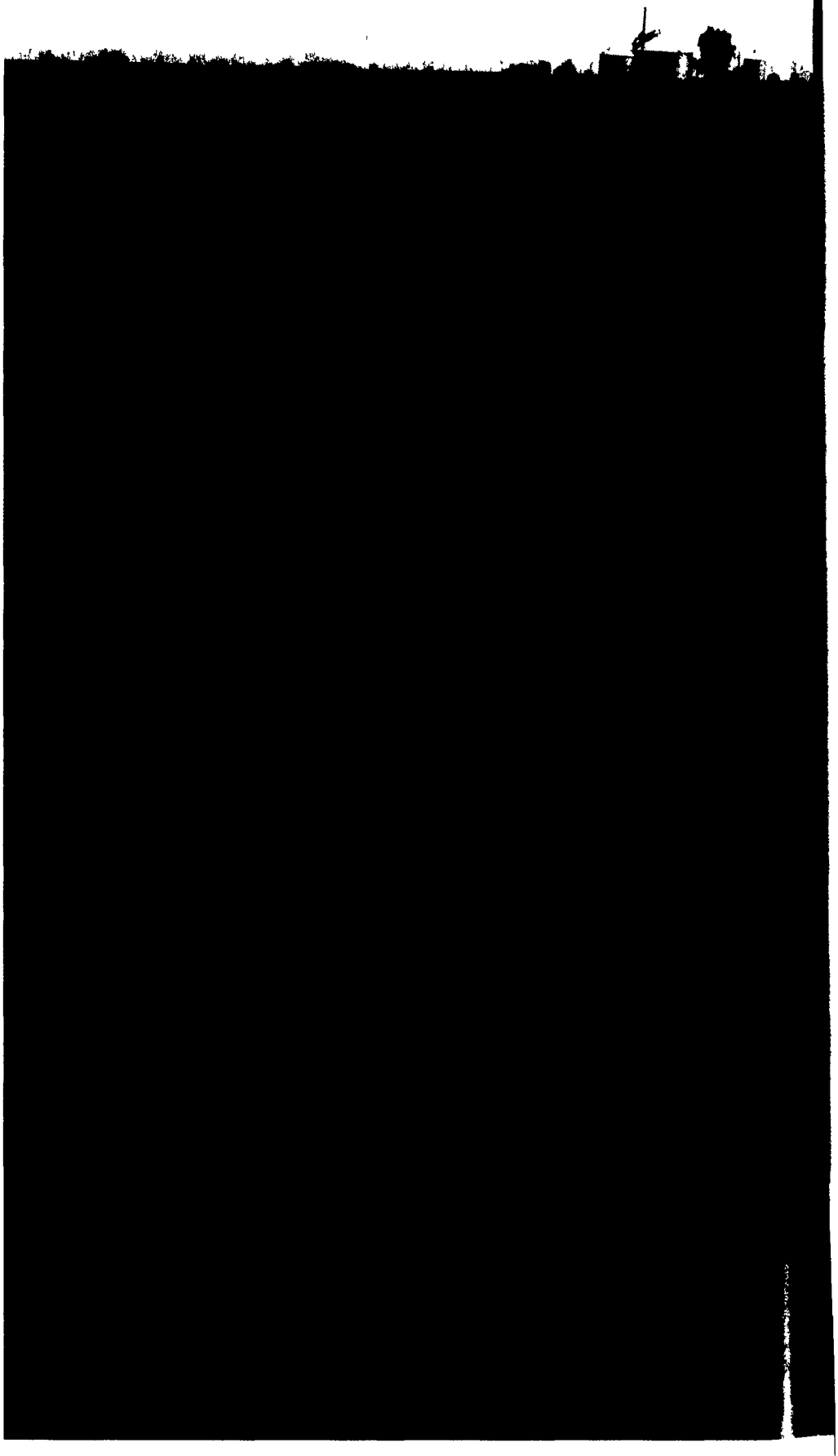
Need More Information? Call Our Hybrid Hotline, (800) 321-3177!

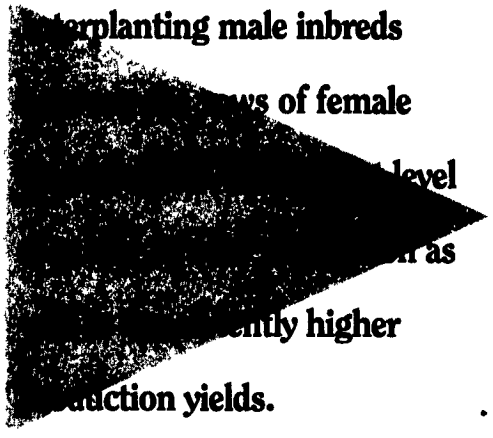
Call at your convenience 7:00 a.m. to 7:00 p.m.



Fielder's Choice—Our Secret to Superior Genetic Purity

While most seed corn is grown in the traditional six-female-rows-to-two-male-rows planting configuration, Fielder's Choice™ uses interplanting of male corn between each row of female corn placing the male pollinating plants about 19 inches from the female plants. This close proximity of male plants to female plants helps to avoid genetic impurities associated with outcrossing. Timely interplanting of the male inbreds between the rows of female corn assures proper pollination of the female rows to provide the highest level of purity in seed production as well as consistently higher production yields. In addition, careful, complete detasseling avoids self-pollination. The result is the most genetically sound hybrid seed corn in the industry.





Have a question about the Fielder's Choice hybrid best for your soil type, call the Hybrid Hotline, (800) 321-3177!

The Two-in-One Hybrid
107 Days

A107 is what we call a "two-in-one" hybrid combining the yield of fuller season hybrids with the drydown preferred in medium season hybrids. The result . . . higher yields with lower drying costs. Ideal for early planting and no-till farming, A107 has fast emergence and exceptional seedling vigor. This adaptable hybrid stands up well to heat and drought stress. And, A107's standability and exceptional ear retention let you harvest when you are ready.

$45.00

$44.00/bag with an order of three or more hybrid numbers.

"Maybe concept of the distribution center. I am 15 miles away from one and it's real handy."

Richard Kaun

Lowville, Wisconsin

Let us help you to select the Fielder's Choice hybrid mix best for your farm, call the hybrid hotline, (800) 321-3177!

Top Producer
107 Days

Here's a genetically diverse partner for Fielder's Choice A107 and E109 which was developed especially for the soils and growing conditions of the central and western Corn Belt. The flexible ear of 8107 responds positively with high yield potential to good management and lower plant populations. Its long, slender ears typically feature 12 to 14 rows of large, dense kernels that dry down exceptionally fast after 25% moisture.

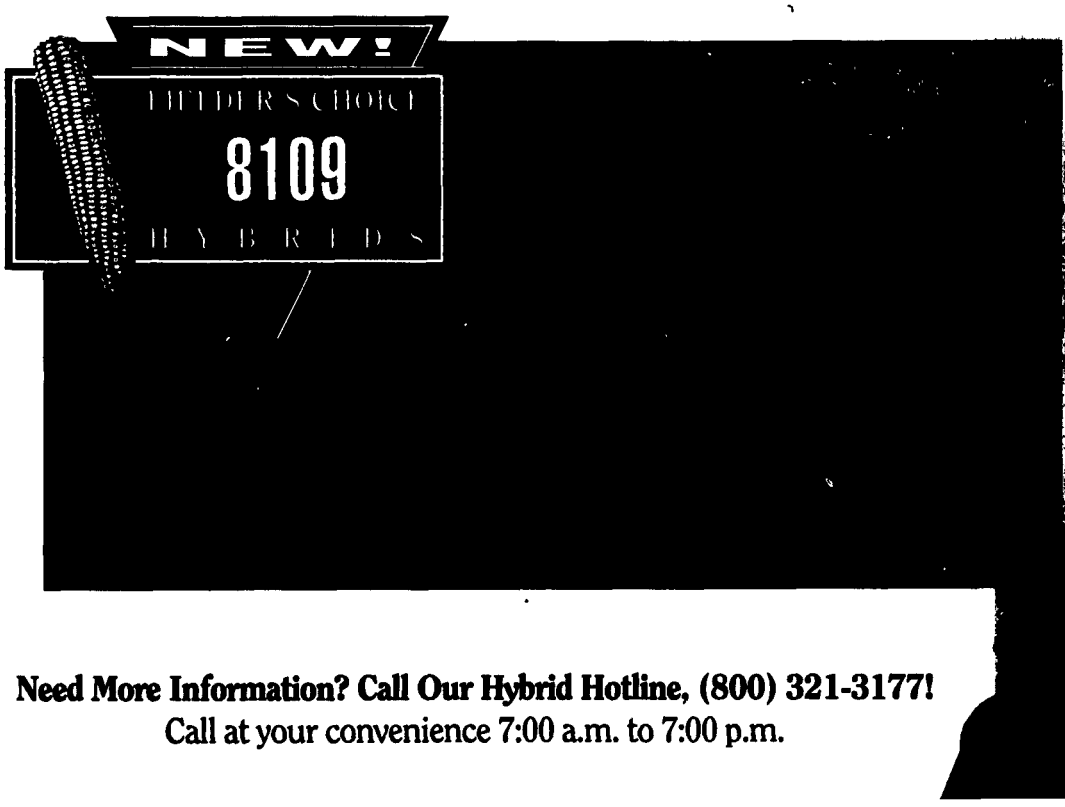
$45.00

$44.00/bag with an order of three or more hybrid numbers.

"I had planted some E109 in a field with a couple other varieties. The E109 didn't drop its ears like the others did. That's where the yield advantage was. When I was disking [illegible], I could tell the row where E109 [illegible] other varieties [illegible] I could see."

Eric Klein

Malinta, Ohio

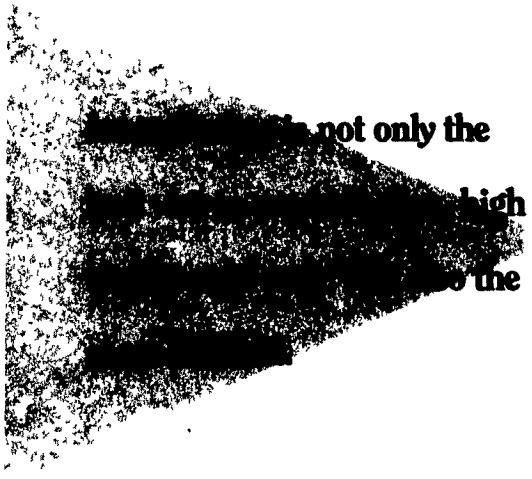


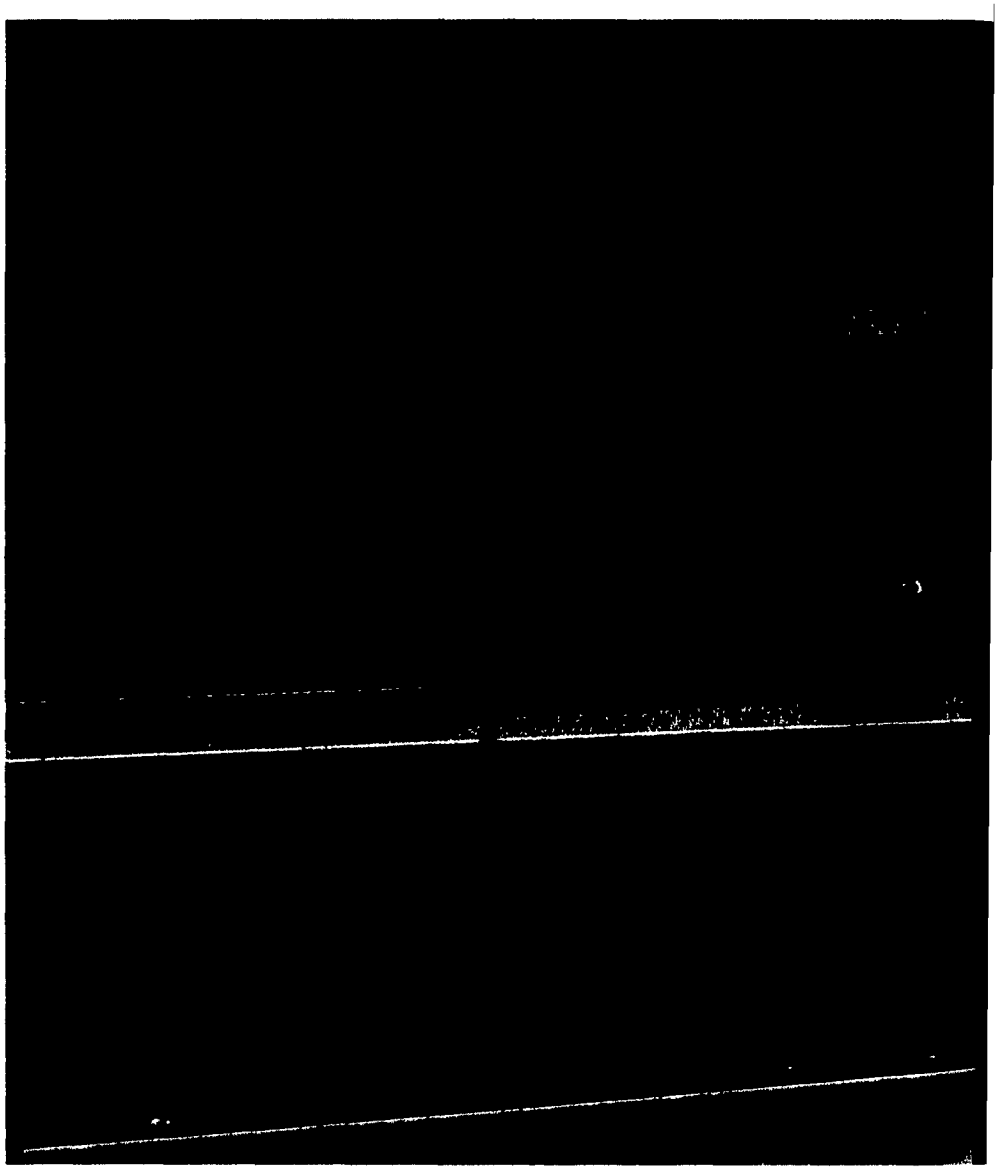
Need More Information? Call Our Hybrid Hotline, (800) 321-3177!

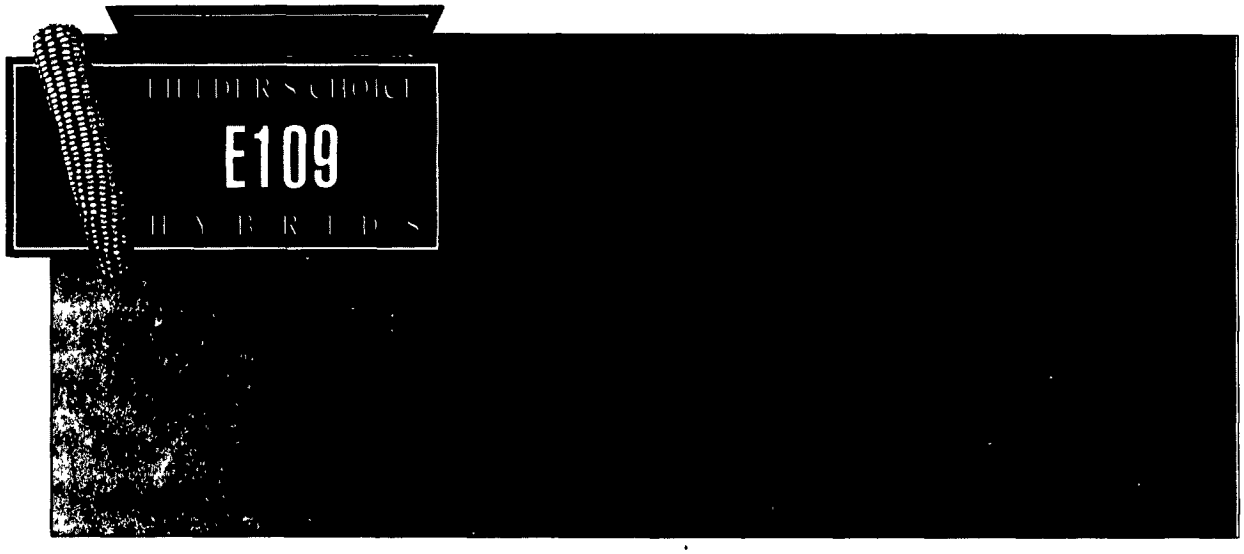
Call at your convenience 7:00 a.m. to 7:00 p.m.

Fielder's Choice—the Efficiency Begins at Planting

Interplanting rows of male pollinator corn between the rows of female seed production corn is the key to more efficient seed production and one reason Fielder's Choice™ is such a good value. With ordinary seed production fields, at least two out of every eight rows are dedicated to the growing of male corn. Because we plant on 38-inch rows, and then interplant male corn on 19-inch centers, we use 100% of each field's production capability to grow seed. (Male rows are removed after pollination.) Interplanting is not only the best way to produce pure, high quality seed corn, it is also the most efficient. This is yet another way Fielder's Choice minimizes costs and maximizes value to you.







"I've planted E109 and F109 and I can honestly say it is the best-looking corn in my area. I have had good yields with Fielder's Choice."

Lowell McNutt

Forest, Ohio

"I've no-tilled my corn for the last four years and found the F109 does real well. The emergence is strong and the yield is every bit as good as the higher priced brands."

Charlie Cost

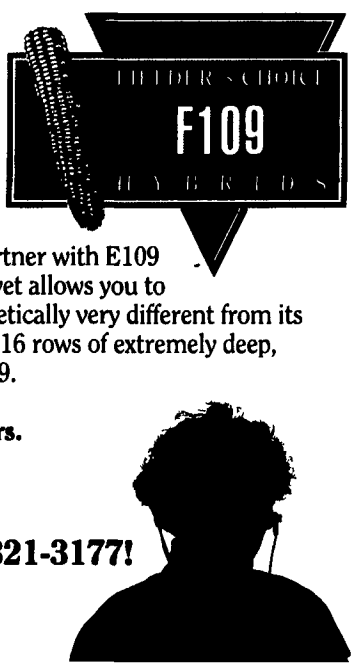
Sydney, Ohio

True Adaptability
109 Days

If adaptability and reliability are on your hybrid wish list, select F109. This very reliable medium season hybrid is resistant to northern leaf blight and has excellent stress tolerance. Great for no-till after beans and a variety of fertility level situations, F109 is an excellent midseason partner with E109 and new 8109. It offers exceptionally good yield potential, yet allows you to manage risk through the selection of a hybrid which is genetically very different from its companions. Its long, slender, expandable ear features 14–16 rows of extremely deep, dense kernels. You're going to like the performance of F109.

$45.00

$44.00/bag with an order of three or more hybrid numbers.



Need More Information? Call Our Hybrid Hotline, (800) 321-3177!

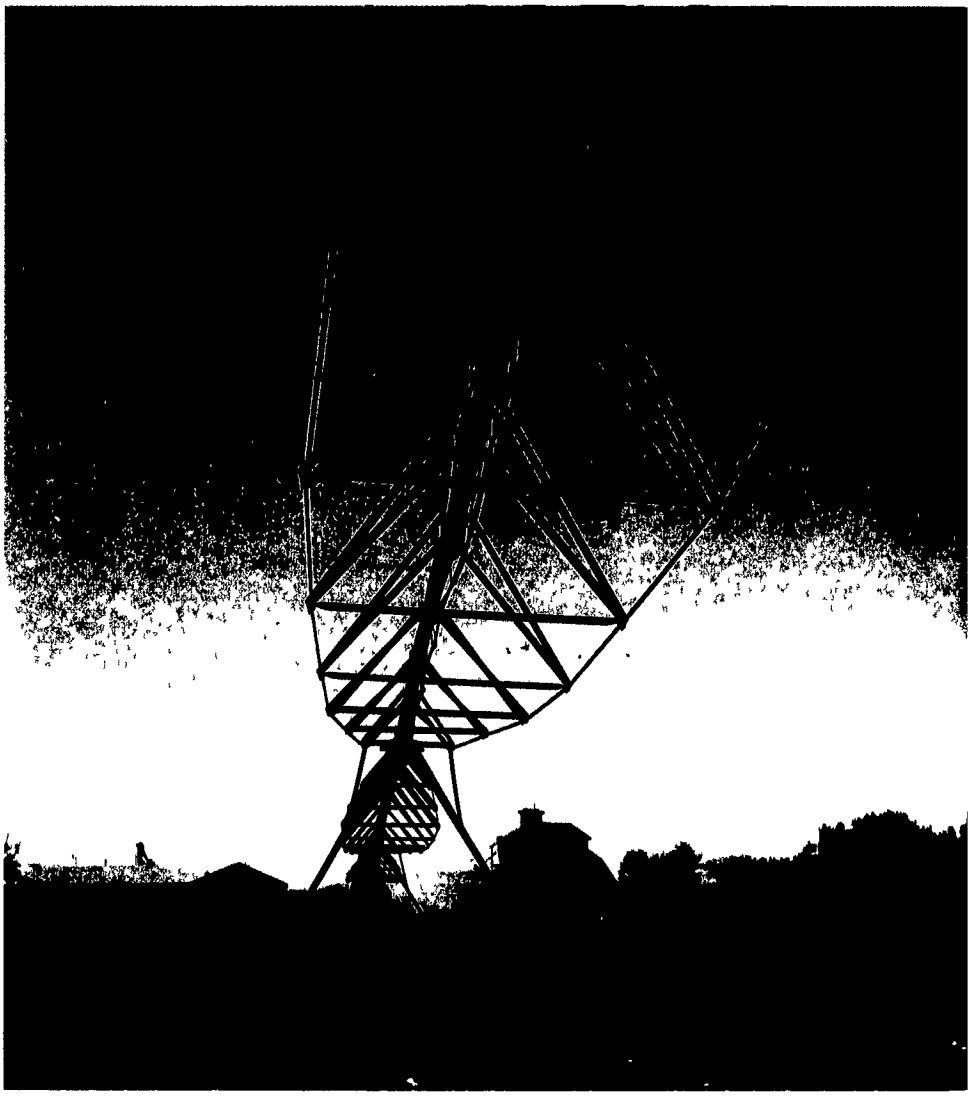
Call at your convenience 7:00 a.m. to 7:00 p.m.

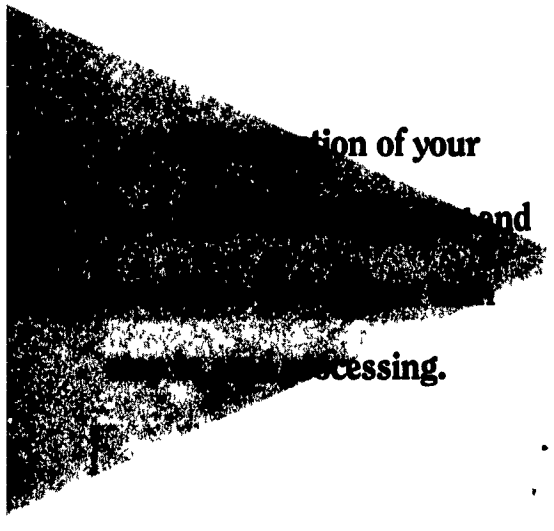
Quality Control Ensures the Vigor of Your Fielder's Choice Seed

To confirm that Fielder's Choice™ is the highest quality seed available, we've invested in an independent, third-party evaluation of our hybrids. The Indiana Crop Improvement Association's (ICIA) registered seed technologists regularly inspect our fields 8 to 15 times a year implementing a three-part quality control program. Every step of our seed production process, as well as the area surrounding the growing fields, is inspected to ensure the genetic purity of every Fielder's Choice hybrid. Quality Assurance tags are issued for Fielder's Choice seed by ICIA only after the highest standards are met on every lot of Fielder's Choice corn.

QUALITY QA ASSURANCE

Field inspected and laboratory tested by the Seed Improvement Agency in the State of Origin
QUALITY ASSURANCE



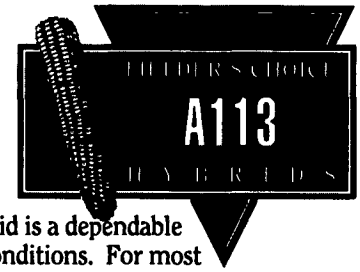


Need a hybrid with great drydown, call the Hybrid Hotline, (800) 321-3177!

Fielder's Choice—the Best Harvesting and Processing Facilities

At harvest time, it is critical that the seed be removed from the fields quickly before the first hard freeze kills or weakens the germ of the seed. Seed processing actually begins in our fields where large, self-propelled ear-corn pickers add an extra-gentle touch when harvesting your Fielder's Choice™ corn.

All Fielder's Choice corn is processed, graded and bagged in one of the most modern seed corn facilities in America. Once inside our efficient processing plant, each ear is husked and visually inspected. Then, ears are slowly and evenly dried before shelling. We take special care that your seed is not exposed to too much heat, because stress-free drying is a key to top quality seed.



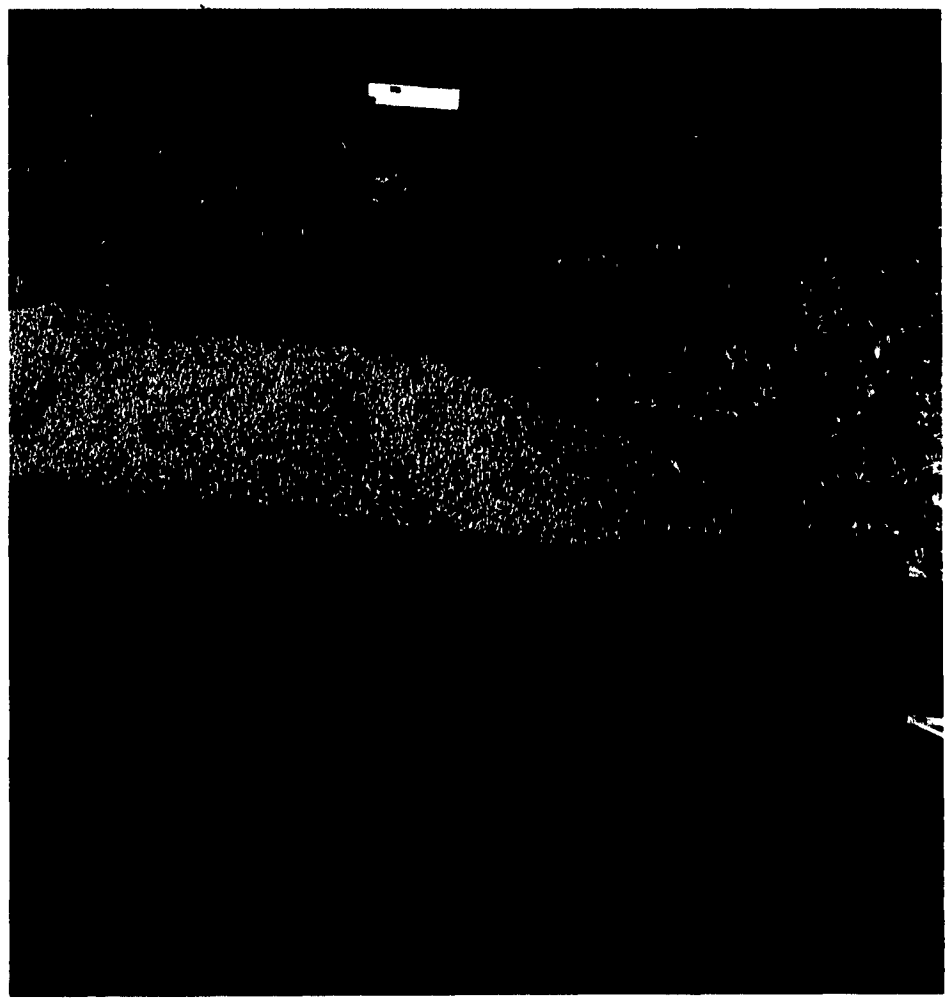
Robust Dependability 113 Days

Here is a sturdy hybrid that may be your best bet if you are bracing for a hot, dry growing season. This medium-tall hybrid is a dependable performer, even in droughty conditions. For most soil types, A113 seems to yield best when planted 18,000 to 24,000 plants per acre. The expandable ear of A113 will respond very favorably to the excellent growing conditions associated with high fertility, the ideal soil pH and adequate moisture. To optimize yield and increase your profit potential, try A113 on your irrigated land.

$45.00

$44.00/bag with an order of three or more hybrid numbers.

After drying and shelling, the seed is cleaned to remove cracked or split kernels and foreign materials. Gentle handling and thorough inspection eliminate damaged kernels.



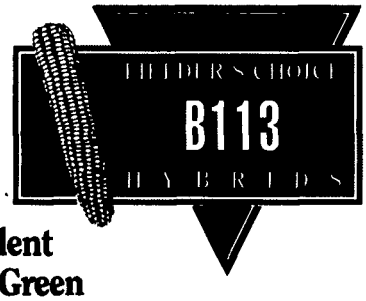
The Fielder's Choice facility is equipped with modern graders to handle high volume production which routinely achieves 100 percent grading accuracy.

Need More Information? Call Our Hybrid Hotline, (800) 321-3177!
Call at your convenience 7:00 a.m. to 7:00 p.m.

Fielder's Choice—the Most Accurate Germination and Genetic Purity Testing

Fielder's Choice™ is committed to a program of redundant quality testing which very accurately identifies and reports the seed germination rates and the genetic purity of all our products.

In addition to conducting our own germination tests, we employ the Indiana Crop Improvement Association to conduct additional cold and warm germination tests. We also use the Indiana Crop Improvement Association and other independent laboratories to perform even more tests including electrophoresis. Electrophoresis is a sophisticated set of experiments which can determine the genetic purity of the hybrid by testing for the protein isozyme. This repetition or redundancy of tests is the best way to make sure our customers receive the high quality seed corn they expect!

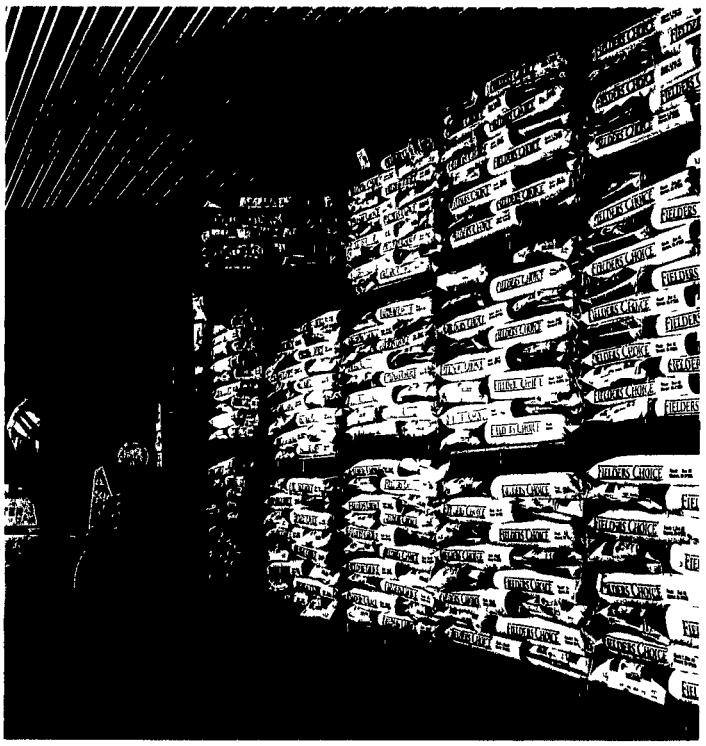


Excellent Stay-Green 113 Days

The stay-green capability of this high-yielding hybrid is unbelievable! The ears and the shucks will be dry and ready to harvest while the leaves are still green. That also means exceptional stalk strength throughout the growing season. Ear retention is also exceptional. Plus B113 is a yield leader with strong early season emergence and vigor. Plant up to 28,000 plants per acre on high fertility better soils and watch B113 perform. Recommended strictly for harvest by combine (ear corn harvesting not suggested), this rugged hybrid is also very well suited for no-till farming.

$45.00

$44.00/bag with an order of three or more hybrid numbers.



After the seed corn is ba

it is stored i

germinati

Fielder's Choice seed

FIELDER'S CHOICE
A115
HYBRIDS

Top Standing 115 Days

If we assigned our corn hybrids names instead of numbers, this one would be called Goliath! A115 produces massive, rugged plants with large girthy ears. This hybrid is known for its outstanding plant health and stay-green. Consequently, A115 is one of the best standing hybrids on the market. At harvest time, you will appreciate A115's healthy green stalk and large ear covered in a dry husk. A115 is ideal for irrigation because of its high-end yield capability. Many have reported 200+ bushel yields in irrigation programs. A115 is also ideal for silage.

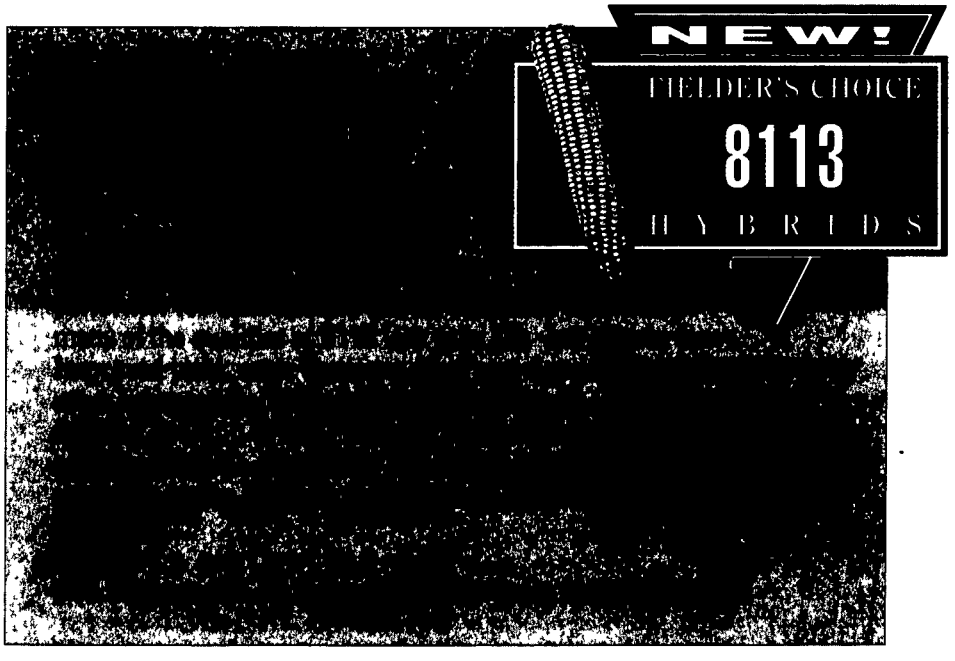
$45.00

$44.00/bag with an order of three or more hybrid numbers.

"I find Fielder's Choice seed a good value. The quality and the yields are just as good as the $89.00 corn. The difference in price stays in my pocket."

Marvin Houin

Breman, Indiana

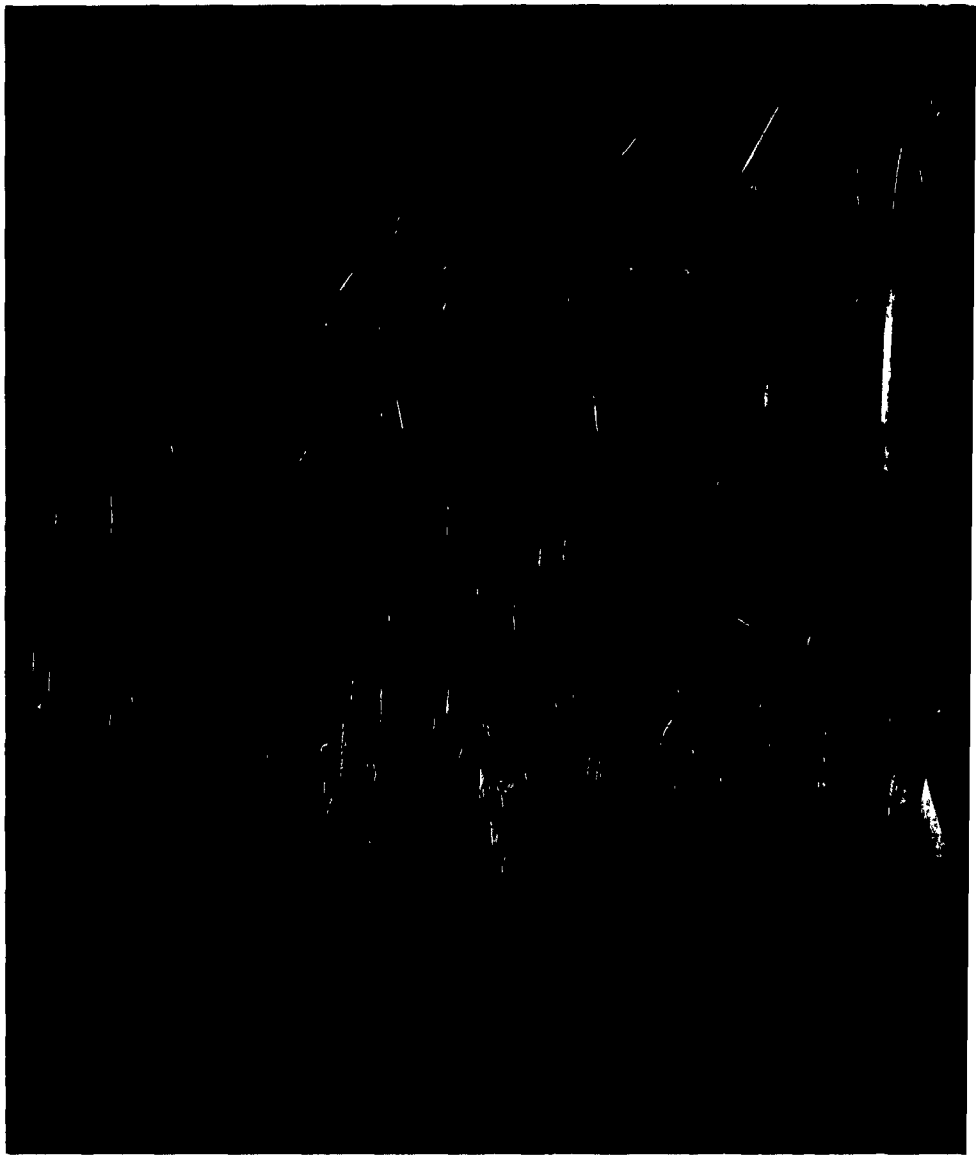


Need More Information? Call Our Hybrid Hotline, (800) 321-3177!

Call at your convenience 7:00 a.m. to 7:00 p.m.

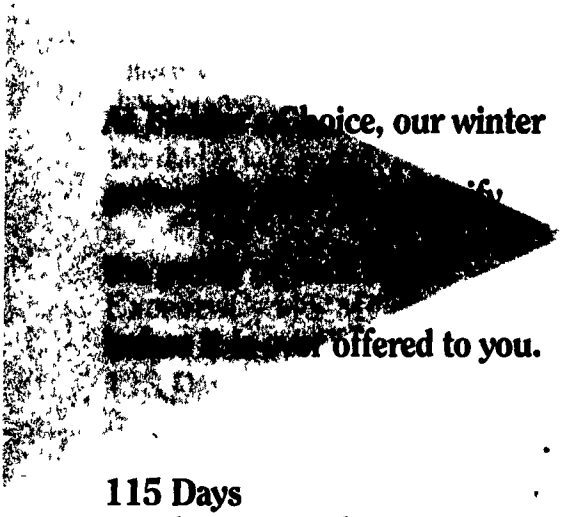
Fielder's Choice—Comprehensive Grow-Out Testing

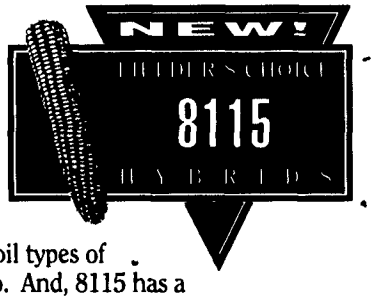
Immediately after the harvest, a sample of each Fielder's Choice™ hybrid is shipped to an independently operated corn testing facility operated by Florida Hybrid Service where it undergoes grow-out testing to prove the seed's genetic purity and vigor in on-farm conditions. Grow-out tests allow us to verify the purity, vigor and quality of every Fielder's Choice product before it is released for sale to you.



Fielder's Choice—Discover the Difference

Call our toll-free telephone number and speak directly to a customer service representative. Receive the answers to your questions and get the information you need to select the Fielder's Choice hybrids best suited to your specific soil types and growing conditions.





115 Days Southern Powerhouse

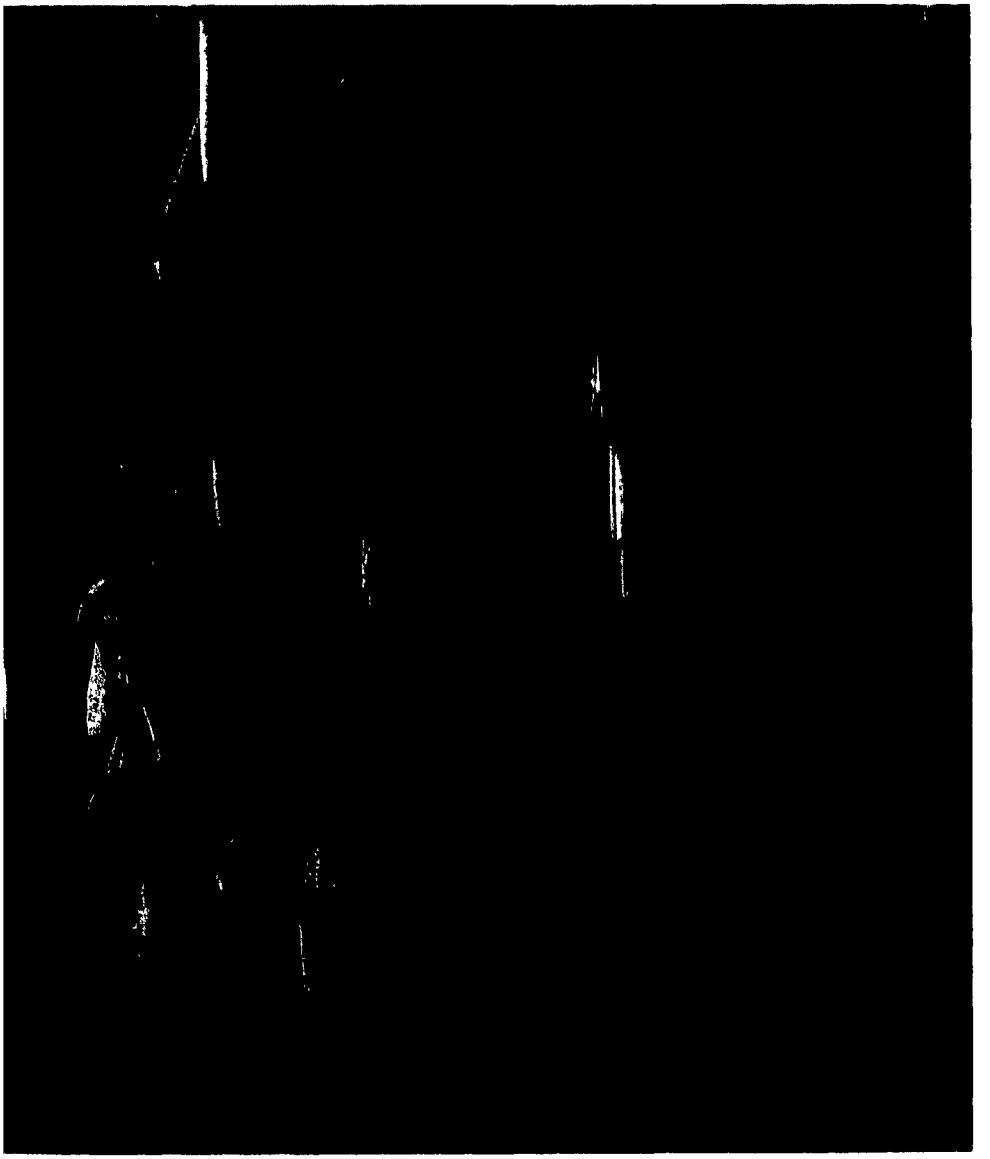
Grow 8115 on heavy soils with good fertility and management programs and watch it grow! 8115 delivered yields of 200+ bushels per acre in central Illinois product evaluation plots in 1991. It is well-suited to the varying soil types of central and southern Indiana, Illinois and Ohio. And, 8115 has a sturdy stalk and root system to give it late season plant health and strong standability. Compared to other Fielder's Choice hybrids in this maturity range, 8115 delivers enhanced stress tolerance, excellent seedling vigor and solid emergence. You'll want to make this powerhouse one of the first hybrids you put into the ground next spring!

$45.00

$44.00/bag with an order of three or more hybrid numbers.

Manage risk through the selection of three or more Fielder's Choice hybrids, call the Hybrid Hotline, (800) 321-3177!

Have a question about the Fielder's Choice hybrid best for your soil type, call the Hybrid Hotline, (800) 321-3177!



"I'm 100% satisfied with the Fielder's Choice corn. It's hard to beat the price and the results you get with it. I've used Fielder's Choice for three years and don't have any complaints."

Wayne Thompson

Avilla, Indiana

Resilient Yielder
119 Days

This MDM stunt-virus-resistant hybrid is recommended specifically for use in the presence of MDM. MDM119 has delivered consistently high yields in the presence of MDM in southern Indiana, Illinois, and Ohio. A very healthy corn, MDM119 is also tolerant to gray leaf spot. From its excellent emergence characteristic to its rapid drydown, MDM119 provides the genetic depth required to adequately manage risk in the presence of MDM and optimize yield potential and profits. MDM119 is good for ear harvesting and produces excellent corn silage.

$45.00

$44.00/bag with an order of three or more hybrid numbers.

Need More Information? Call Our Hybrid Hotline, (800) 321-3177!

Call at your convenience 7:00 a.m. to 7:00 p.m.

Fielder's Choice Regional Distribution Centers

Fielder's Choice Regional Distribution Centers provide many convenient regional pick-up points for customers. Customers save money, too, because freight is allocated only to their share of shipments.

Fielder's Choice is also a participant in the Indiana Crop Improvement Association seed corn production quality assurance program. Through this program, inspectors from the Indiana Crop Improvement Association monitor the most critical steps of the Fielder's Choice growing and processing operations.

Have a question about the Fielder's Choice hybrid best for your soil type, call the Hybrid Hotline, (800) 321-3177!

FIELDER'S Choice

Quality Hybrid Seed Corn, Direct to You